SEQUENCE LISTING

<110> Xu, Jiangchun
       Stolk, John A.
       Algate, Paul A.
       Fling, Steven P.

<120> COMPOSITIONS AND METHODS FOR THE
THERAPY AND DIAGNOSIS OF OVARIAN CANCER

<130> 210121.484C5

<140> US
<141> 2001-04-03

<160> 215

<170> FastSEQ for Windows Version 3.0

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<213> Homo sapien

<220>
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<222> (1)...(396)
<223> n = A,T,C or G

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ccacagaacc ttcacgtgta ttcacagcct caatgccata aggaaactct tttagaagtt   180
ctgacagctg gtcatgtagg tataagacag gtgccttatc actgtggatt tcatttcttg   240
caggatcttg gggagtatag ttgctggatg catctatttc ctgagggtaa atatcctcct   300
ggncgacgcg gccgctcgag tctagagggc ccgtttaaac ccgctgatca gcctcgactg   360
tgccttctan ttgccancca tntgttgttt gcccct   396

<210> 2
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<212> DNA
<213> Homo sapien

<400> 2
cgaccaaaaa gtaaactcca agtgaacatc aaatcaaatc taatcctttt ggccacatga   60
ctggttgttc tttatctcat agttacaatg aatcatataa actgtagact gccactacca   120
cgatacttct gtgacacaga aggaatgtcc tatttgccta tctatctgag gaatgttaaa   180
tagagaaaaa tagattataa aacaacctgg aggtcacagg attctgagat aatccctctg   240
ttaaaaaaca tctgaacagc aaatgtccaa tctgtaataa aatagttaaa ggtccaagtc   300
aagtccactt ctacttggct ggcccagcac aagaaatcta acagcacttt gtaatcattt   360
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<210> 3
<211> 396
<212> DNA
<213> Homo sapien

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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

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naancccann cccnnggnac cannnccagg agttgggtgg anactgagtg gggtttgtgt         120
gggtgagggg gcatctactc ctnttgcaac aagccaaaag tagaacagcc taaggaaaag         180
tgacctgcct tggagcctta gtccctccct tagggccccc tcagcctacc ctatccaagt         240
ctgaggctat ggaagtctcc ctcctagttc actagcaggt tccccatctt ttccaggctg         300
ccctagcac tccacgtttt tctgaaaaaa tctanacagg ccctttttgg gtacctaaaa         360
cccagctgag gttgtgagct tgtaaggtaa agcaag                                   396
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<210> 4
<211> 396
<212> DNA
<213> Homo sapien
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<223> n = A,T,C or G

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gccagcctcc tgcgatcaga agagaccaat cgaaaatgag ggtttcacan tcacagctga         180
aggaaaaggc caaggcacct tgtcggnggn gacaatgtac catgctaagg ccaaagatca         240
actcacctgt aataaattcg acctcaaggt caccataaaa ccagcaccgg aacagaaaaa         300
gaggcctnag gatgcccaag aaacactttt gatcctttga aaactgtacc aaggtaccgg         360
ggggagaccc aggaaaggnc cnttatgtnt nnntnt                                   396
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<210> 5
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<212> DNA
<213> Homo sapien
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<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 5
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tttctcttcc ctctngttta gtttgcctgg gagcttgaaa ggagaaagca cnggggtcgc         180
cccaaaccct ttctgcttct gcccatcaca agtgccacta ccgccatggg cctcactatc         240
tcctccctct tctcccgact atttggcaag aagcagatgc gcattttgat ggttggattg         300
gatgctgctg gcaagacaac cattcttgat aaactgaaag tangggganat aagnaccacc         360
atttctacca ttgggtttaa tggggaaac agtana                                    396
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<210> 6
<211> 396
<212> DNA
<213> Homo sapien
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<220>
<221> misc_feature
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<223> n = A,T,C or G

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ctcccgtgaa gatgtccact ccagacccac ccctgggcgg aactcctcgg ccaggtcctt     120
ccccgggccc tgcccttccc ctggagccat gctgggccct agcccgggtc cctcgccggg     180
ctccgcccac agcatgatgg ggcccagccc angggccgcc ctcagcagga caccccatcc     240
ccacccaggg gcctggaggg taccctcagg acaacatgca ccagatgcac aagcccatgg     300
agtccatgca tgagaagggc atgtcggacg acccgcgcta caaccagatg aaaggaatgg     360
ggatgcggtc aggggggccat gctgggatgg ggcccc                             396


<210> 7
<211> 396
<212> DNA
<213> Homo sapien

<400> 7
acccgagagt cgtcggggtt tcctgcttca acagtgcttg gacggaaccc ggcgctcgtt      60
ccccacccccg gccggccgcc catagccagc cctccgtcac ctcttcaccg caccctcgga     120
ctgccccaag gcccccgccg ccgctccagc gccgcgcagc caccgccgcc gccgccgcct     180
ctccttagtc gccgccatga cgaccgcgtc cacctcgcag gtgcgccaga actaccacca     240
ggactcagag gccgccatca accgccagat caacctggag ctctacgcct cctacgttta     300
cctgtccatg tcttactact ttgaccgcga tgatgtggct ttgaagaact ttgccaaata     360
ctttcttcac caatctcatg aggagaggga acatgc                             396


<210> 8
<211> 396
<212> DNA
<213> Homo sapien

<400> 8
cgacaacaag gttaatacct tagttcttaa cattttttt ctttatgtgt agtgttttca      60
tgctaccttg gtaggaaact tatttacaaa ccatattaaa aggctaattt aaatataaat     120
aatataaagt gctctgaata aagcagaaat atattacagt tcattccaca gaaagcatcc     180
aaaccaccca aatgaccaag gcatatatag tatttggagg aatcagggt ttggaaggag     240
tagggaggag aatgaaggaa aatgcaacca gcatgattat agtgtgttca tttagataaa     300
agtagaaggc acaggagagg tagcaaaggc caggctttttc tttggttttc ttcaaacata     360
ggtgaaaaaa acactgccat tcacaagtca aggaac                             396


<210> 9
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 9
tcgacatcgc ggcaactttt tgcggattgt tcttgcttcc aggctttgcg ctgcaaatcc      60
agtgctacca gtgtgaagaa ttccagctga acaacgactg ctcctccccc gagttcattg     120
tgaattgcac ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgccg     180
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```
ggatcatgta ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctgccgggt    240
accagtcctt ctgctcccca gggaaactga actcagtttg catcagctgc tgcaacaccc    300
ctctttgtaa cgggccaagg nccaaaaaaa ggggaaagtt ctgncctcgg ccctcaggcc    360
agggctccgc accaccatcc tgttcctcaa attagc                              396
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        <210> 10
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        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 10
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tttttttttt tttttttttt tttttttttt tttttttttt ttttaaaaaa aaaannnttt    120
ttttttttttn aaaaaaangg gnnnnntttt ttncccnnnn gggngggggg ggggnnnnnt    180
ttnaaanaaa aaaaccnnaa annnnngggg nnnannnaan nncccncccc naancnntaa    240
aaaannnggn aaaanagggg gggnannnnn nnggggggna aaantttttt ttttttnaag    300
ggnnnggnaa aaaantnnnn nnnttttttt ttnnaanngg gnnaaaaaaa aaaaaaaaaa    360
atttttttgg gntnagggn nggggggaaaa ncccna                              396
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        <210> 11
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 11
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agaacacagg tgtcgtgaaa actacccta aaagccaaaa tgggaaagga aaagactcat    60
atcaacattg tcgtcattgg acacgtagat tcgggcaagt ccaccactac tggccatctg    120
atctataaat gcggtggcat cgacaaaaga accattgaaa aatttgagaa ggaggctgct    180
gagatgggaa agggctcctt caagtatgcc tgggtcttgg ataaactgaa agctgagcgt    240
gaacgtggta tcaccattga tatctccttg tggaaatttg agaccagcaa gtactatgtg    300
actatcattg atgccccagg acacagagac tttatcaaaa acatgattac agggacatct    360
caggctgact gtgctgtcct gattgttgct gctggt                              396
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        <210> 12
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        <212> DNA
        <213> Homo sapien

        <400> 12
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cgaaaacctt taaaccccgg tcatccggac atcccaacgc atgctcctgg agctcacagc    60
cttctgtggt gtcatttctg aaacaagggc gtggatccct caaccaagaa gaatgtttat    120
gtcttcaagt gacctgtact gcttggggac tattggagaa aataaggtgg agtcctactt    180
gtttaaaaaa tatgtatcta agaatgttct agggcactct gggaacctat aaaggcaggt    240
atttcgggcc ctcctcttca ggaatcttcc tgaagacatg gcccagtcga aggcccagga    300
tggcttttgc tgcggccccg tggggtagga gggacagaga gacagggaga gtcagcctcc    360
acattcagag gcatcacaag taatggcaca attctt                              396
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        <210> 13
        <211> 396
        <212> DNA
        <213> Homo sapien

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<400> 13
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ggtccggctg ctgcacgtgc gtgccggctt ctgctgcggg gtcatccgag cccacaagaa     120
ggccatcgcc accctgtgct tcagccccgc ccacgagacc catctcttca cggcctccta     180
tgacaagcgg atcatcctct gggacatcgg ggtgcccaac caggactacg aattccaggc     240
cagccagctg ctcacactgg acaccacctc tatcccccctg cgcctctgcc ctgtcgcctc     300
ctgcccggac gcccgcctgc tggccggctg cgagggcggc tgctgctgct gggacgtgcg     360
gctggaccag ccccaaaaga ggagggtgtg tgaagt                              396

        <210> 14
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 14
acggcgtcct cgtggaagtg acatcgtctt taaaccctgc gtggcaatcc ctgacgcacc      60
gccgtgatgc ccagggaaga caggcgacc tggaagtcca actacttcct taagatcatc      120
caactattgg atgattatcc gaaatgtttc attgtgggag cagacaatgt gggctccaag     180
cagatgcagc agatccgcat gtcccttcgc gggaaggctg tggtgctgat gggcaagaac     240
accatgatgc gcaaggccat ccgagggcac ctggaaaaca acccagctct ggagaaactg     300
ctgcctcata tccggggaa tgtgggcttt gtgttcacca aggaggacct cactgagatc     360
agggacatgt tgctggccaa taaggtgcca gctgct                              396

        <210> 15
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
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        <223> n = A,T,C or G

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gatgaagact ctgctgctgt ttgtggggct gctgctgacc tgggagagtg ggcaggtcct     120
gggggaccag acggtctcag acaatgagct ccaggaaatg tccaatcagg gaagtaagta     180
cgtcaataag gaaattcaaa atgcttgtca acggggtgaa acagataaag actctcatag     240
aaaaaacaaa cgaagagcgc aagacactgc tcagcaacct agaagaagcc aagaagaaga     300
aagaggatgc cctaaatgag accagggaat canagacaaa gctgaaggag ctcccaggag     360
tgtgcaatga gaccatgatg gccctctggg aagagt                              396

        <210> 16
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 16
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tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttnggggg     120
nnnaaanttt tttntnanan nnnngggnaa aaaaaaaaa aanaanggggg gnnntnnggc     180
ccnnnanaaa aaaanngnna annaanccccc ccnnnnnnnc ccncnnntnn ggaaananna     240
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aaaccccccc cngggnnggg nnaaaaannc ccnggggnan tttttatnnn annccccccc    300
ccnggggggg gnggaaaaaa aaaantnccc ccnannaaaa nngggggnccc cccntttttnc    360
aaaanggggg nccgggcccc ccnnantntt nggggg                               396

        <210> 17
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 17
accacactaa ccatatacca atgatggcgc gatgtaacac gagaaagcac ataccaaggc      60
caccacacac cacctgtcca aaaaggcctt cgatacggga taatcctatt tattacctca     120
gaagttttt  tcttcgcagg attttctga gcctttacc actccagcct agcccctacc     180
ccccaactag gagggcactg gcccccaaca ggcatcaccc cgctaaatcc cctagaagtc     240
ccactcctaa acacatccgt attactcgca tcaggagtat caatcacctg agctcaccat     300
agtctaatag aaaacaaccg aaaccaaata attcaagcac tgcttattac aattttactg     360
ggtctctatt ttaccctcct acaagcctca gagtac                              396

        <210> 18
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        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 18
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gaaggnccct ttttattaaa nttggncatt ttactttnct tttttnaaaa ngctaanaaa    120
aaantttttnt ttntncttaa aaaaaccctn natntcacna ncaaaaaaaa cnattcccnc    180
ntncnttttg tgataaaaaa aaaggcaatg gaattcaacn tancctaana aaactttncc    240
tgggaggaaa aaaaattnnt ccgnggaaa cacttggggc tntccaaant gnanccatnc     300
tangaggacc ntctntaaga tttccaaang aaaccccttc ctnccaaang nantaccccg    360
ntgcctacnn cccataaaaa aaacctcanc cntaan                             396

        <210> 19
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 19
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tattttacna aaaanctaan ggnaaanntn cnttaaacta antngaanac aaagtnttaa    120
ngaaaaaggn ctgggggnnt cntttacaaa aanggncngg gncanntttg ggcttaaaan    180
ttcaaaaagg gnncntcaaa ngggtttgca tttgcatgtt tcancnctaa ancgnangaa    240
naaacccngg ngnccnctgg gaaaagttnt tnanctncca aaanatnaan tntttgnanc    300
agggnntttt tgggnaaaaa aannnanttcc anaaacttttc catcccctgg ntttgggttc   360
ggccttgngt tttcggnatn atntccntta angggg                             396

        <210> 20
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<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 20
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taatactaag ttganatgat ntcatttacg ggggaaggcn ctttgtgaan naggccttat     120
ttctnttgnc ctttcgtaca gggaggaatt tgaagtaaan anaaaccnac ctggattact     180
ccggtctgaa ctcaaatcac gtaggacttt aatcgttgaa caaacaaacc tttaatagcg     240
gctgcnccat tgggatgtcc tgatccaaca tcgaggncgt aaaccctatt gttgatatgg     300
actctaaaaa taggattgcg ctgttatccc tagggtaact tgttcccgtg gtcaaagtta     360
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<210> 21
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 21
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ctntnataac cctnaacacc cactccctct tanccaatat tgtgcctatt gccatactag     180
tntttgccgc ctgcnaagca gnggngggcc tanccntact agnctcaatc tccaacacnt     240
atggcctana ctacgtacat aacctaaacc tactcnaatg ctaaaactaa tcnncccaac     300
anttatntta ctaccactga catgactttc caaaaaacac atantttgaa tcaacncanc     360
cacccacanc ctanttatta ncatcatccc cntact                                396


<210> 22
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 22
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gactcataaa tggtgctggg ggaagggtgc agcaacgatt tctcaccaaa tcactacaca     120
ggacagcaaa ggggtgagaa ggggctgagg gaggaaaagc caggaaactg agatcagcag     180
agggagccaa gcatcaaaaa acaggagatg ctgaagctgc gatgaccagc atcattttct     240
taanagaaca ttcaaggatt tgtcatgatg gctgggcttt cactgggtgt taagtctaca     300
aacagcacct tcaattgaaa ctgtcaatta aagttcttaa gatttaggaa gtggtggagc     360
ttggaaagtt atgagattac aaaattcctg aaagtc                                396


<210> 23
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<211> 396
<212> DNA
<213> Homo sapien

<400> 23
acaaaggcgg ttccaagcta aggaattcca tcagtgcttt tttcgcagcc accaaattta    60
gcaggcctgt gaggttttca tatcctgaag agatgtattt taaagctttt ttttttttaat   120
gaaaaaatgt cagacacaca caaaagtaga atagtaccat ggagtcccca cgtacccagc   180
ctgcagcttc aacagttacc acatttgcca accggagaga ctgccaaggc aggaaaaagc   240
cctggaaagc ccacggcccc ttttttcctt gggtcagagg ccttagagct ggctgccaaa   300
gcagccaacc aaaggggcag ctcagctcct tcgtggcacc agcagtgttc ctgatgcagt   360
tgaagagttg atgtctttga caacatacgg acactg                             396

<210> 24
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 24
cgactatcct ctcagattct tatctggcac taatttataa ctattatatt atcagagact    60
atgtagcaat atatcagtgc acaggcgcat cccaggcctg tacagatgta tgtctacacg   120
taagtataaa tgaatttgca taccaggttt tacacttgca tctctaatag agattaaaaa   180
caacaaattg gcctcttcct aagtatatta atatcatttta tccttacatt ttatgcctcc   240
ccctaaatta atgactgagt tggtggaaag cggctaggtt ttattcatac tgtttttttgt   300
tctcaacttc aanagtaatc tacctctgaa aaatttntan tttaatattn nnnnnnagga   360
atttgngcca ctttannnct tncnntntnn tnnccn                             396

<210> 25
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 25
ttttttttttt tttttttttt gtcttttaaa aaatataaaa gtgttattat tttaaaacat    60
caagcattac agactgtaaa atcaattaan aactttctgt atatgaggac aaaaatacat   120
ttaanacata tacaanaaga tgcttttttcc tgagtagaat gcaaactttt atattaagct   180
tctttgaatt ttcaaaatgt aaaataccaa ggcttttttca catcagacaa aaatcaggaa   240
tgttcacctt cacatccaaa aagaaaaaaa aaaaaaancc aatttttcaag ttgaagttna   300
ncaanaatga tgtaaaatct gaaaaaagtg gccaaaattt taanttncaa canannngnn   360
ncagntttna tggatctntn nnnnnncttc nnntnn                             396

<210> 26
<211> 396
<212> DNA
<213> Homo sapien

<220>
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<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 26
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gctcgtgcta agctagcgcc gtcgtcgtct cccttcagtc gccatcatga ttatctaccg     120
ggacctcatc agccacgatg agatgttctc cgacatctac aagatccggg agatcgcgga     180
cgggttgtgc ctggaggtgg aggggaagat ggtcagtagg acagaaggta acattgatga     240
ctcgctcatt ggtggaaatg cctccgctga aggccccgag ggcgaaggta cccgaaagca     300
cagtaatcac tgnngncnat nttgtcatga accatcacct gcnngaaaca annttnacaa     360
aanaancctn cnnnnannnc ctnnnnnatt ncnnnn                               396
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<210> 27
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 27
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tttttttttt tttttttttt tttttttttt tttttttttt tggctaaant ttatgtatac      60
nggttnttca aangngggggg aggggggggg gcatccatnt anncncncca ggtttatggn     120
gggntnttnt actattanna nttttcnctt caaancnaag gnttntcaaa tcatnaaaat     180
tattaanatt ncngctgnta aaaaaangaa tgaaccnncn nanganagga nntttcatgg     240
ggggnatgca tcggggnann ccnaanaacc ncgggccat  tcccganagg cccaaaaaat     300
gtttnnnnaa aaagggtaaa nttacccccn tnaantttat annnnaaann nnannnnagc     360
ccaannnttn nnnnnnnnnn nnnccnnnna nnnnnn                               396
```

<210> 28
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 28
```
cgaccttttt tttttttttt atagatgaaa gagggtttat ttattaatat atgatagcct      60
tggctcaaaa aagacaaatg agggctcaaa aaggaattac agtaacttta aaaaatatat     120
taaacatatc caagatccta aatatattat tctccccaaa agctagctgc ttccaaactt     180
gatttgatat tttgcatgtt ttccctacgt tgcttggtaa atatatttgc ttctcctttc     240
tgcaatcgac gtctgacagc tgattttgc  tgttttgnca acntgacgtt tcaccttntg     300
tttcaccant tctggaggaa ttgttnaaca ncttacanca ctgccttgaa naaannnnan     360
gcctcaaaag ntcttgnnct atnctnnttc ntnnnt                               396
```

<210> 29
<211> 396
<212> DNA
<213> Homo sapien

<220>

<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 29
```
gacttgctca tttagagttt gcaggaggct ccatactagg ttcagtctga aagaaatctc        60
ctaatggtgc tatagagagg gaggtaacag aaagactctt ttagggcatt tttctgactc       120
atgaaaagag cacagaaaag gatgtttggc aatttgtctt ttaagtctta accttgctaa       180
tgtgaatact gggaaagtga ttttttctc actcgttttt gttgctccat tgtaaagggc        240
ggaggtcagt cttagtggcc ttgagagttg cttttggcat ttaaatattc taagagaatt       300
aactgtattt cctgtcacct attcactant gcangaaata tacttgctcc aaataagtca       360
ntatgagaag tcactgtcaa tgaaanttgn tttgtt                                  396
```

<210> 30
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 30
```
tttttttttt tttttttttg aaatttanaa acaaatttta tttaagatct gaaatacaat        60
tcctaaaata tcaacttttc canaaaaccg tggctacaca ataatgcatt gcctctatca       120
tgttanaacg tgcattanac tcaaatacaa aaaccatgaa acaaatcacc atccttcaac       180
aatttgagca aagatagaat gcctaagaac aacatagatg gacttgcaga ggatgggctg       240
ttttacttca agcnccataa aaaaaaaaaa gagcncaaat gcattgggtt ttcaggtnta       300
tacattaagn ngaacctttg gcactaggaa tcagggcgtt ttgtcacata gcnttaacac       360
atnttaaaaa attntgtant gtcaaaggga tangaa                                  396
```

<210> 31
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 31
```
gacgggccag ggccatctgg aaagggaact cggcttttcc agaacgtggt ggatcatctg        60
tcgggtgtgt ggtgaacacg ttcagttcat cagggcctac gctccgggaa ggggcccca        120
gctgtggctc tgccatgccg ggctgtgttt gcagctgtcc gagtctccat ccgcctttag       180
aaaaccagcc acttctttc ataagcactg acagggccca gcccacagcc acaggtgcga        240
tcagtgcctc acgcaggcaa atgcactgaa acccaggggc acacncncgc agagtgaaca       300
gtgagttccc ccgacagccc acgacagcca ggactgccct ccccacccn ccccgacccc        360
angancacgg cacacanntc ancctctnan ctngct                                  396
```

<210> 32
<211> 396
<212> DNA
<213> Homo sapien

<220>

```
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 32
cgactggcct catacct tgt ctacacagtc cctgcacagg gttcctaacc tgtggttagt        60
aaagaatgtc actttctaac aggtctggaa gctccgagtt tatcttggga actcaagagg       120
agaggatcac ccagttcaca ggtatttgag gatacaaacc cattgctggg ctcggcttta       180
aaagtcttat ctgaaattcc ttgtgaaaca gagtttcatc aaagccaatc caaaaggcct       240
atgtaaaaat aaccattctt gctgcacttt atgcaaataa tcaggccaaa tataagacta       300
cagtttattt acaatttgtt tttaccaaaa atgaggacta nagagaaaaa tggtgctcca       360
aagcttatca tacatttgtc attaagtcct agtctc                                 396


<210> 33
<211> 396
<212> DNA
<213> Homo sapien


<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G


<400> 33
cctttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt        60
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt       120
nngnnntntn nnnnannaaa aaaaaaaaaa aannnnnnna aaaaaaannn nnnnnnnnnt       180
tttnnggggg gnttttnann gnanttnnn nttnnnnnaa ancccnnng ggnnggggg       240
nntnnnnnng gnaaaaaaan nnnnngggn cnnnngggnc cncnncccnan nnnnaaaann       300
nnnggntttt ttnnttttna aaaaaanngn nnnnnaacaa aanttttttnn nnaantttttn       360
gggggaaann ncccntttnt tttttttnnan nnnnnn                                 396


<210> 34
<211> 396
<212> DNA
<213> Homo sapien


<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G


<400> 34
acggaccnag ctggaggagc tgggtgtggg gtgcgttggg ctggtgggga ggcctagttn        60
gggtgcaagt angtctgatt gagcttgtgt tgtgctgaag ggacagccct gggtctaggg       120
ganagagncc ctgagtgtga gacccacctt ccccngtccc agcccctccc anttcccca       180
gggacggcca cttcctgntc cccgacncaa ccatggctga agaacaaccg caggtcgaat       240
tgttcntgaa ggctggcagt gatggggcca agattgggaa ctgcccattc tcccacagac       300
tgttnatggt actgtggctc aaggnagtca ccttcaatgt taccaccnnt gacaccaaaa       360
ggcggaccna nacagtgcan aagctgtgcc canngg                                 396


<210> 35
<211> 396
<212> DNA
<213> Homo sapien


<400> 35
```

```
tcgaccaaaa tcaaatctgg cactcacaag ccctggccga cccccaatgg gttttaccac      60
tcccccctcta gaccctgtct tgcaaaatcc tctccctagc cagctagtat tttctgggct     120
aaagactgta caaccagttc ctccatttta tagaagttta ctcactccag gggaaatggt     180
gagtcctcca acctcccttt caaccagtcc catcattcca accagtggta ccatagagca     240
gcaccccccg ccaccctctg agccagtagt gccagcagtg atgatggcca cccatgagcc     300
cagtgctgac ctggcaccca agaaaaagcc caggaagtca agcatgcctg tgaagattga     360
gaaggaaatt attgataccg ccgatgagtt tgatga                              396
```

    <210> 36
    <211> 396
    <212> DNA
    <213> Homo sapien

    <400> 36

```
tcgacgggaa gagcctgcta cggtggactg tgagactcag tgcactgtcc tcctcccagc      60
gaccccacgc tggacccct gccggaccct ccaccccttcg gcccccaagc ttcccagggg     120
cttcctttgg actggactgt ccctgctcat ccattctcct gccacccccca gacctcctca     180
gctccaggtt gccacctcct ctcgccagag tgatgaggtc ccggcttctg ctctccgtgg     240
cccatctgcc cacaattcgg gagaccacgg aggagatgct gcttgggggt cctggacagg     300
agcccccacc ctctcctagc ctggatgact acgtgaggtc tatatctcga ctggcacagc     360
ccacctctgt gctggacaag gccacggccc agggcc                              396
```

    <210> 37
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 37

```
cgacggtgtc agcaactggc catgccacag cacataaaga ttacagtgac aagaaaaaca      60
ttgtttgagg attcctttca acagataatg agcttcagtc cccaagatct gcgaagacgt     120
ttgtgggtga tttttccagg agaagaaggt ttagattatg gaggtgtagc aagagaatgg     180
ttctttcttt tgtcacatga agtgttgaac ccaatgtatt gcctgtttga atatgcaggg     240
aaggataact actgcttgca gataaacccc gcttcttaca tcaatccaga tcacctgaaa     300
tattttcgtt ttattggcag atttattgcc atggctctgt tccatgggaa aattcataga     360
cacgggtttt tctttnccat tctataagcg tatctt                              396
```

    <210> 38
    <211> 396
    <212> DNA
    <213> Homo sapien

    <400> 38

```
cgaccaaaat gataaatagc tttaagaatg tgctaatgat aaatgattac atgtcaattt      60
aatgtactta atgtttaata ccttatttga ataattacct gaagaatata ttttttagta     120
ctgcatttca ttgattctaa gttgcacttt ttaccccat actgttaaca tatctgaaat     180
cagaatgtgt cttacaatca gtgatcgttt aacattgtga caaagtttaa tggacagttt     240
tttcccatat gtatatataa aataatgtgt tttacaatca gtggcttaga ttcagtgaaa     300
tacagtaatt cattcaatta tgatagtatc tttacagaca ttttaaaaat aagttatttt     360
tatatgctaa tattctatgt tcaagtggaa tttgga                              396
```

    <210> 39
    <211> 396

```
<212> DNA
<213> Homo sapien

<400> 39
tcgaccaaga atagatgctg actgtactcc tcccaggcgc cccttccccc tccaatccca      60
ccaaccctca gagccacccc taaagagata ctttgatatt ttcaacgcag ccctgctttg     120
ggctgccctg gtgctgccac acttcaggct cttctccttt cacaaccttc tgtggctcac     180
agaacccttg gagccaatgg agactgtctc aagagggcac tggtggcccg acagcctggc     240
acagggcaag tgggacaggg catggccagg tggccactcc agacccctgg cttttcactg     300
ctggctgcct tagaaccttt cttacattag cagtttgctt tgtatgcact ttgtttttt       360
ctttgggtct tgtttttttt ttccacttag aaattg                              396

<210> 40
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 40
tttttttttt ttttgttatt tagttttat ttcataatca taaacttaac tctgcaatcc       60
agctaggcat gggagggaac aaggaaaaca tggaacccaa agggaactgc agcgagagca     120
caaagattct aggatactgc gagcaaatgg ggtggagggg tgctctcctg agctacagaa     180
ggaatgatct ggtggttaan ataaaacaca agtcaaactt attcgagttg tccacagtca     240
gcaatggtga tcttcttgct ggtcttgcca ttcctggacc caaagcgctc catggcctcc     300
acaatattca tgccttcttt cactttgcca aacaccacat gcttgccatc caaccactca     360
gtcttggcag tgcanatgaa aaactgggaa ccattt                              396

<210> 41
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 41
tcgacctctt gtgtagtcac ttctgattct gacaatcaat caatcaatgg cctagagcac      60
tgactgttaa cacaaacgtc actagcaaag tagcaacagc tttaagtcta aatacaaagc     120
tgttctgtgt gagaattttt taaaaggcta cttgtataat aacccttgtc attttaatg       180
tacaaaacgc tattaagtgg cttagaattt gaacatttgt ggtctttatt tactttgctt     240
cgtgtgtggg caaagcaaca tcttccctaa atatatatta cccaaagnaa aagcaagaag     300
ccagattagg tttttgacaa aacaaacagg ccaaaagggg gctgacctgg agcagagcat     360
ggtgagaggc aaggcatgag agggcaagtt tgttgt                              396

<210> 42
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
```

```
<222> (1)...(396)
<223> n = A,T,C or G


<400> 42
cttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt      60
aaaanccnna nnaananang gnaannnann aaaaaannca aaccncntnt anaaaangcc      120
nntntnaggg gggggggttca aaaccaaang gnngntngga ngnaaannna aaanttnnnn      180
gggggnanaa anaaaaaggg nngaaanntg acccnanaan gaccngaaan cccgggaaac      240
cnngggntan aaaaaaaagnt ganccctaaa nnccccccgna aaangggggga agggnaannc      300
caaatccnnt gnggggttggg ggnggggggaaa aaaaaaaccc cnaaaaantg naaaaaaccg      360
ggnttnaaan atttgggttc ggggggntttn tnttaa                               396


        <210> 43
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 43
tttttttttt ttttgcttca ctgctttatt tttgaaatca caagcaattc aaagtgatca      60
tcattgaggc ttctgttaaa agttcttcca aagttgccca gttttaanat taaacaatat      120
tgcacttttaa gatgaactaa cttttgggat tctcttcaaa gaaggaaagt attgctccat      180
ctgtgctttt cttanactaa aagcatactg canaaaactc tattttaaaa atcaacactg      240
cagggtacag taacatagta aagtacctgc ctattttana atcctanaga acatttcatt      300
gtaagaaact agcccattat ttaagtgtcc acagtattttt tcatttcant ggtccaagat      360
gccaaggttt ccaaacacaa tcttgttctc taatac                               396


        <210> 44
        <211> 396
        <212> DNA
        <213> Homo sapien


        <400> 44
gacctagttt tacctcttaa atatctctgt tcccttctaa gttgtttgct gtgttttctt      60
cagagcaaga aggttatatt ttttaaaatt tacttagtaa tgcacattca aaacacacat      120
caagtcttca ggataaagtt caaaaccgct gtcatggccc catgtgatct ctccctcccc      180
tacccctcta tcatttagtt tcttctgcgc aagccactct ggcttccttt cagttttgtg      240
gttcccgttt ttagctagtt cagtggtttt caatgggcat ttcttgcctt ttttttttcta      300
aacgacaaat agaaatacat cttctttatt atcctccaaa tccaattcag aggtaatatg      360
ctccacctac acacaatttt agaaataaat taaaaaa                               396


        <210> 45
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 45
tttttttttt ttttaaannt tntaaatttt taatgaaann ganttagaac aatgtattat      60
```

```
tnacatgtaa ataaaaaaag agancataan ccccatatnc tcnnnaaagg aagggganacn    120
gcnggccntt tatnagaana nnnnncatat aagaccccat taagaagaat ctggatctaa    180
anacttncaa acaggagttc acagtangtg aacagcannc cctaatccca ctgatgtgat    240
gnttcanata aaatcancan cgntgatcgg gnatcnnanc aatntgancg gaanannact    300
gctcnatatn tttnaggann cngatgtggt cattttttac aaagataatg gccacaccct    360
tccngnccga atcgancnga nctcccnntt ctgtgn                             396
```

        <210> 46
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 46
```
ttttttttt ttttttttc tganacagag tctcattctg ttgcctaggc tggattgcag    60
tggtgccatc tcggctcact gcaacctccg cctcctgggt tccanaaatt ctcctgcctc    120
agcctcccgg gtagctggga ctanaggcac acgccaccac gccaggctaa tttttatatt    180
tttagtanan atggcgtttc accatgttga ccanactgat ctcgaactcc cgacctcgtg    240
atccacccac ctcggcctcc caaagtgctg ggattacagg cgtgaaacca ccaggcccgg    300
cctgaaatat ctatttnttt tcagattatt tttaaaattc catttgatga atctttttaaa    360
gtgagctana naaagtgngt gtgtacatgc acacac                             396
```

        <210> 47
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 47
```
ttttttttt ttttttgct gttgccaact gtttattcag ggccctgaac gggtggtgcg    60
tggacatgca acacactcgg gcccacagca gcgtgaccgg ccgctcccaa gccccgggcg    120
cacaaccaca gccaggagca gcccctgcca ccactgggcc accgtccagg gccccacagg    180
accagccgaa ggtgccccgg gccgaggcca gctgggtcag gtgtacccct agcctggggt    240
tgagtgagga gcggcacccc cagtatcctg tgtaccccaa gttgcccagn aggccgaggg    300
ggccttgggc tccatctgca ctggccaccc cgtgccaagc atcacagctg cgtgagcagg    360
tttgtgtgtg agcgtgtggc ggggcctggt tgtccc                             396
```

        <210> 48
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 48
```
ctgggcctgt gccgaagggt ctgggcagat cttccaaaga tgtacaaaat gtagaaattg    60
```

```
ccctcaagca aatgcaaaga tgctcaacac ccttagtcat caagaaaatg caaatggaat    120
ccacagagag atactgcaca ctgacaaaga tggtcgtatt actaaaggtg aataaccagc    180
gcggggggca cgtggagtca ctggaacatt tgtgcaatgc tggtgggaat gtcaacccgt    240
gcggccctct ggaataagcc tggcagctcc tccaagagtt acccgtgtga cccagcaatt    300
ccactcctag ctccacccac aggaattgaa agcaaagacg caaacagatg cctgtgcacc    360
aaagttcacg gcagcatcct tcgccatagt ggnaan                             396
```

        <210> 49
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 49
```
accccaaaat gggaaaggaa aagactcata tnaacattgn cgtnattgga cacgtacatt     60
cggncaagtn caccactact ggncatntga tntataaatg cggnggcatc gacanaanaa    120
ccatngnaan atttganaag gaggctgctg atatnggaaa gggctccntc nantntgcct    180
gggtcttgga tnaactgaaa nctgancntg aacgtggnnt caccattgat atctncttgt    240
ggaaatntna gaccancann tactatgtna ctatcattga tgccccagga cacaganact    300
ttatcnaaan catgattacn nggacatnta nagctgactg tgctngcctg attgtngctg    360
ctggtgttgg tgaatttgaa nctggtatnt ccaana                             396
```

        <210> 50
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 50
```
cgacttcttg ctggtgggtg gggcagtttg gtttagtgtt atactttggt ctaagtattt     60
gagttaaact gctttttttgc taatgagtgg gctggttgtt agcaggtttg tttttcctgc    120
tgttgattgt tactagtggc attaactttt agaatttggg ctggtgagat taattttttt    180
taatatccca gctagagata tggcctttaa ctgacctaaa gaggtgtgtt gtgatttaat    240
ttttcccgt tcctttttct tcagtaaacc caacaatagt ctaaccttaa aaattgagtt    300
gatgtcctta taggtcacta cccctaaata aacctgaagc aggtgttttc tcttggacat    360
actaaaaaat acctaaaagg aagcttagat gggctg                             396
```

        <210> 51
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 51
```
ttttttttttt ttcagcgngg atttatttta tttcattttt tactctcaag anaaagaana     60
gttactattg caggaacaga cattttttta aaaagcgaaa ctcctgacac ccttaaaaca    120
gaaaacattg ttattcacat aataatgngg ggctctgtct ctgccgacag gggctgggtt    180
cgggcattag ctgtgccgtc gacaatagcc ccattcaccc cattcataaa tgctgctgct    240
acaggaaggg aacagcggct ctcccanaga gggatccacc ctggaacacg agtcacctcc    300
aaagagctgc gactgtttga naatctgcca anaggaaaac cactcaatgg gacctggata    360
```

```
acccaggccc gggagtcata gcaggatgtg gtactt                                    396
```

```
        <210> 52
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 52
acctcgctaa gtgttcgcta cgcggggcta ccggatcggt cggaaatggc agaggtggag         60
gagacactga agcgactgca nagccagaag ggagtgcagg gaatcatcgt cgtgaacaca        120
gaaggcattc ccatcaagag caccatggac aaccccacca ccacccagta tgccagcctc        180
atgcacagnt tcatcctgaa ggcacggagc accgtgcgtg acatcgaccc ccagaacgat        240
ctcaccttcc ttcgaattcg ctccaagaaa aatgaaatta tggttgcacc agataaagac        300
tatttcctga ttgtgattca gaatccaacc gaataagcca ctctcttggc tccctgtgtc        360
attccttaat ttaatgcccc ccaagaatgt taatgt                                   396
```

```
        <210> 53
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 53
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt         60
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt        120
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt        180
tttttttttt tttttttttt tttttttttt tttttttttt ttannttntt ttttnttttn        240
cctttntttt aattcanaaa aagaanaaga aaanataana nnnancnnan nnnnnnnatn        300
ntncttnata ntnnttnnnn nanngggnnn gcgagnnnnn nnnnnnnnnn nntctnnnnt        360
tnnnnnnctt gcnccccttn nnttngnnnn angcaa                                   396
```

```
        <210> 54
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 54
ctcttggggc tgctgggact cgcgtcggtt ggcgactccc ggacgtaggt agtttgttgg         60
gccgggttct gaggccttgc ttctctttac ttttccactc taggccacga tgccgcagta        120
ccagacctgg gaggagttca gccgcgctgc cgagaagctt tacctcgctg accctatgaa        180
ggcacgtgtg gttctcaaat ataggcattc tgatgggaac ttgtgtgtta aagtaacaga        240
tgatttagtt tgtttggtgt ataaaacaga ccaagctcaa gatgtaaaga agattgagaa        300
attccacagt caactaatgc gacttatggt agccaaggaa gcccgcaatg ttaccatgga        360
```

```
aactgantga atggtttgaa atgaagactt tgtcgt                                  396
```

```
        <210> 55
        <211> 396
        <212> DNA
        <213> Homo sapien


        <400> 55
cgacggtttg ccgccagaac acaggtgtcg tgaaaactac ccctaaaagc caaaatggga        60
aaggaaaaga ctcatatcaa cattgtcgtc attggacacg tagattcggg caagtccacc       120
actactggcc atctgatcta taaatgcggt ggcatcgaca aaagaaccat tgaaaaattt       180
gagaaggagg ctgctgagat gggaaagggc tccttcaagt atgcctgggt cttggataaa       240
ctgaaagctg agcgtgaacg tggtatcacc attgatatct ccttgtggaa atttgagacc       300
agcaagtact atgtgactat cattgatgcc ccaggacaca gagactttat caaaaacatg       360
attacaggga catctcaggc tgactgtgct gtcctg                                 396
```

```
        <210> 56
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 56
tttttttttt tttttctca tttaactttt ttaatgggtc tcaaaattct gtgacaaatt        60
tttggtcaag ttgtttccat taaaaagtac tgattttaaa aactaataac ttaaaactgc       120
cacacgcaaa aaanaaaacc aaagnggtcc acaaaacatt ctcctttcct tctgaaggtt       180
ttacgatgca ttgttatcat taaccagtct tttactacta aacttaaatg gccaattgaa       240
acaaacagtt ctganaccgt tcttccacca ctgattaana gtgggtggc aggtattagg        300
gataatattc atttagcctt ctgagctttc tgggcanact tggngacctt gccagctcca       360
gcagccttnt tgtccactgc tttgatgaca cccacc                                 396
```

```
        <210> 57
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 57
cctttttttt tttttttttt tttttttttt tttttttttt tttttttttt tnaaaanntt        60
ntttttgcaa anccnancaa aaanggnngg aangaaaaan nggaaaaatt nttttncnt        120
ntttgggaac nnnnagccct tnntttgaaa aaangnggnc ttaaaanngn tgaannaaag       180
gnnannccn gntncttnnn tttaaaaana anggggnngn ttttttttaa anaanatttt       240
ttttttccct aanancnncn anntgaaacn ngncccnacn nctnncttna aagggnnnaa       300
atnanangnn aaaaaancc tnanccccc cccttanntt tncnannana naaagncntt        360
ttgggncntg naaaaanaan cctttttnnt gcnttn                                 396
```

```
        <210> 58
        <211> 396
        <212> DNA
```

<213> Homo sapien

<400> 58

```
cgacctcaaa tatgccttat tttgcacaaa agactgccaa ggacatgacc agcagctggc        60
tacagcctcg atttatattt ctgtttgtgg tgaactgatt ttttttaaac caaagtttag       120
aaagaggttt ttgaaatgcc tatggtttct ttgaatggta aacttgagca tcttttcact       180
ttccagtagt cagcaaagag cagtttgaat tttcttgtcg cttcctatca aaatattcag       240
agactcgagc acagcaccca gacttcatgc gcccgtggaa tgctcaccac atgttggtcg       300
aagcggccga ccactgactt tgtgacttag gcggctgtgt tgcctatgta gagaacacgc       360
ttcacccccca ctccccgtac agtgcgcaca ggcttt                                396
```

<210> 59
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 59

```
cttttttttt tttttttttt tcagnggaaa ataactttta ttganacccc accaactgca        60
aaatctgttc ctggcattaa gctccttctt cctttgcaat tcggtctttc ttcagnggtc       120
ccatgaatgc tttcttctcc tccatggtct ggaagcggcc atggccaaac ttggaggngg       180
tgtcaatgaa cttaaggnca atcttctcca nagcccgccg cttcntctgc accancaagg       240
acttgcggag ggngagcacc cgcttcnttgg ttcccaccac ncagcctttc agcatgacaa       300
agtcattggt cacttcacca tagnggacaa agccacccaa agggttgatg ctccttggca       360
aataggncat agtcacngga ggcattgtnc ttgatc                                 396
```

<210> 60
<211> 396
<212> DNA
<213> Homo sapien

<400> 60

```
acctcagctc tcggcgcacg gcccagcttc cttcaaaatg tctactgttc acgaaatcct        60
gtgcaagctc agcttggagg gtgatcactc tacaccccca agtgcatatg ggtctgtcaa       120
agcctatact aactttgatg ctgagcggga tgctttgaac attgaaacag ccatcaagac       180
caaaggtgtg gatgaggtca ccattgtcaa cattttgacc aaccgcagca atgcacagag       240
acaggatatt gccttcgcct accagagaag gaccaaaaag gaacttgcat cagcactgaa       300
gtcagcctta tctggccacc tggagacggt gattttgggc ctattgaaga cacctgctca       360
gtatgacgct tctgagctaa aagcttccat gaaggg                                 396
```

<210> 61
<211> 396
<212> DNA
<213> Homo sapien

<400> 61

```
tagcttgtcg gggacggtaa ccgggacccg gtgtctgctc ctgtcgcctt cgcctcctaa        60
tccctagcca ctatgcgtga gtgcatctcc atccacgttg gccaggctgg tgtccagatt       120
ggcaatgcct gctgggagct ctactgcctg gaacacggca tccagcccga tggccagatg       180
ccaagtgaca agaccattgg gggaggagat gactccttca acaccttctt cagtgagacg       240
ggcgctggca agcacgtgcc ccgggctgtg tttgtagact tggaacccac agtcattgat       300
gaagttcgca ctggcaccta ccgccagctc ttccaccctg agcagctcat cacaggcaag       360
gaagatgctg ccaataacta tgcccgaggg cactac                                 396
```

```
<210> 62
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 62
tcgacgtttc ctaaagaaaa ccactctttg atcatggctc tctctgccag aattgtgtgc      60
actctgtaac atctttgtgg tagtcctgtt ttcctaataa ctttgttact gtgctgtgaa     120
agattacaga tttgaacatg tagtgtacgt gctgttgagt tgtgaactgg tgggccgtat     180
gtaacagctg accaacgtga agatactggt acttgatagc ctcttaagga aaatttgctt     240
ccaaatttta agctggaaag ncactggant aactttaaaa aagaattaca atacatggct     300
ttttagaatt tcnttacgta tgttaagatt tgngtacaaa ttgaantgtc tgtnctganc     360
ctcaaccaat aaaatctcag tttatgaaan aaannn                              396


<210> 63
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 63
ttnttttttt nttttntntt ttntcnttgn ttgnacngaa cccggcgctn nttccccacn      60
nnnnacggcc gcccntattc annnntncnt canntannna ccgcaccctc ggactgcnnn     120
tngggccccg ccgncnannc nccnncnccc anttcnccgc cgccgccgcc gcctttttttt    180
attggcnncc atnanaaccg gggncacctc ncangngcgc cnaaantngg ggcangactc     240
anaggggggcc atcaaccncc aagnncaanc tgganctcta caaacggcct acgntttntg    300
nccatgnggg tagggnttta cccgcnatga tgannatgnn aanaactttn ncaanccctt     360
tattaaccaa tgnggtgngg agacggaacn tggtta                             396


<210> 64
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 64
tcgacgtcgg ggtttcctgc ttcaacagtg cttggacgga acccggcgct cgttccccac      60
cccggccggc cgcccatagc cagccctccg tcacctcttc accgcaccct cggactgccc     120
caaggccccc gccgccgctc cagcgccgcg cagccaccgc cgccgccgcc gcctntnctt     180
agtcgccgcc atgacgaccg cgtccacctc gcaggtgcgc cagaactacc accaggactc     240
agaggccgcc atcaaccgcc agatcaacct ggagctctac gcctcctacg tttacctgtc     300
catgtcttac tactttgacc gcgatgatgt ggctttgaan aactttgcca aatactttct     360
tcccaatctc atgaggagaa ggaacatgct ganaaa                             396
```

```
<210> 65
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 65
ttttttttt ttttttttt tttttnacca ataatgcttt tattttccac atcaanatta      60
atttatatgt tagttttagt acaagtacta aaatgtatac ttnttgccct aatagctaag     120
gnatacataa gcttcaccat acatnttgca nccncctgtc tgtcctatgt cattgttata     180
aatgtanana ttttaggaaa ctnttttatt caacctggga catntatact gtaggagtta     240
gcactgacct gatgtnttat ttaaaagtaa tgnatattac ctttacatat attccttata     300
tattnaaacg tatttccatg ttatccagct taaaatcaca tggnggttaa aagcatgagt     360
tctgagtcaa atctggactg aaatcctgat gctccc                               396


<210> 66
<211> 396
<212> DNA
<213> Homo sapien

<400> 66
tcgacttttt tttttccagg acattgtcat aattttttat tatgtatcaa attgtcttca      60
atataagtta caacttgatt aaagttgata gacatttgta tctatttaaa gacaaaaaaa     120
ttctttttatg tacaatatct tgtctagagt ctagcaaata tagtacctttt cattgcagga     180
tttctgctta atataacaag caaaaacaaa caactgaaaa aatataaacc aaagcaaacc     240
aaacccccg ctcaactaca aatgtcaata ttgaatgaag cattaaaaga caaacataaa       300
gtaacttcag cttttatcta gcaatgcaga atgaatacta aaattagtgg caaaaaaaca     360
aacaacaaac aacaaacaaa acaaaacaaa caaaca                                396


<210> 67
<211> 396
<212> DNA
<213> Homo sapien

<400> 67
acgctttttgt ccttcatttt aactgttatg tcatactgtt atgttgacat atttctttat     60
aagagaatag aggcaaaagt atagaactga ggatcatttg tattttttgag ttggaaatta     120
tgaaacttca ccatattatg atcatacata ttttgaagaa cagactgacc aaagctcacc     180
tgttttttgt gttaggtgct ttggctgaac ttgattccag ccccctttttc cctttggtgt     240
tgtgtatgtc tcttcatttc ctctcaaatc ttcaactctt gccccatgtc tccttggcag     300
caggatgctg gcatctgtgt agtcctcata ctgtttactg ataacccaca aattcatttt     360
catggcagac ctaagctcag accctgcctt gtcctg                                396


<210> 68
<211> 396
<212> DNA
<213> Homo sapien

<400> 68
acctgagtcc tgtcctttct ctctcccgg acagcatgag cttcaccact cgctccacct      60
tctccaccaa ctaccggtcc ctgggctctg tccaggcgcc cagctacggc gcccggccgg     120
tcagcagcgc ggccagcgtc tatgcaggcg ctggggggctc tggttcccgg atctccgtgt     180
```

```
cccgctccac cagcttcagg ggcggcatgg ggtccggggg cctggccacc gggatagccg    240
ggggtctggc aggaatggga ggcatccaga acgagaagga gaccatgcaa agcctgaacg    300
accgcctggc ctcttacctg gacagagtga ggagcctgga gaccgagaac cggaggctgg    360
agagcaaaat ccgggagcac ttggagaaga agggac                              396
```

```
        <210> 69
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 69
ntcncngnng ntgtggtnnt tttttaatt tttatntttt ctttttttt ctngctagcn      60
cttncttttt ttggaattnc ggtncctttt tntntcnatt ttttngacaa aaanaacctn    120
ttntttnana ccanagnnng gnncacncnt nnaatntncc cctttnncgn tngggagctn    180
cncnttnnnc gccnacntca ntcgagacng tnctttnnn tnnancannn tnngtncgtt    240
gncngcnttn ntncannant nttccctatn nacntgnnnt cncncatnnt tggacnancn    300
cctagcccttn ccatnnnttn nttntttntn natnanncctn gaaaacntcn gnntnttcnc  360
nncnttnccn cncncncctt cntatgtncn atgncn                              396
```

```
        <210> 70
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 70
ttttttttt tttntttttt tttttttttt tttttttntt tttttttttt tttttntnc     60
aannnntnaa cttttaanng gccnccngcn ccccaanggg gaccctgctt ttgnnggcta   120
aatgccnnaa aactttgggg nantnggtat naaaccccnc tttgcccnnc annttncngg   180
ggggggggg ttttgnngg ggaacangna naacnttttn ncnanggnat caccaaaaan    240
aaagcccnnc ccttttccn annggggggg ggngggggga aantcanccc ccanattgac   300
cttnatttca aaangggct tataatcctg ggcntggann cttccctnta cccgggggtt   360
gnccacnttt tattanaggg gnangnggat cccccnt                            396
```

```
        <210> 71
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 71
gcatctagag ggccngttta ntctagaggn ccngnntaaa cnnnnncatc nacctncnnt   60
gcncctgctn gttgccnccc ntctgtgnct tgcnnnnccc nngagcgtnc cttnaccnnn   120
gaangtgcct nnnnnactga nnnnnncnna taaatgngg anantncgtc gncattntnt   180
```

```
natnngggt gatgctattc tggggggtgg ggnggngnna tnnnatactn ngggacgtn      240
nnatnangag nnatntcnng nttntctnnt gntttntggg gggcnatnng nnntctntnn      300
ggactcntcg cncannnatc aatancttna ttcngtgtan ngtccgnccn tagnncngcn      360
ngtactnnan ngttgnnntc attactnttc gtnngg                               396
```

        <210> 72
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 72
```
tnttttttt tttctaaaac atnactnttt attnnnnang ntttntgaac ctctnngcnt       60
natggtgaga gtttgtctga ttaataanaa tnggannntt nannanangc ntgnncgcaa      120
ngatggcnnc nctgtatatc ccaccatccc attacactnt gaaccttttn tttgattaat      180
aaaaggaagg natgcgggga angggaaag agaatgcttg aacattncca tgngnccttn       240
gacaaacttt ccaatggagg cnggaacnaa nnaccaccan ncaactcccc tttttgtaat      300
ttnnnaactt ncaacnncta nctntttatt ttggcntccc tggnngaaac agnctgtatn      360
annnnnaagn ccntgagaac atccctggnt nncnna                               396
```

        <210> 73
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 73
```
ntcaacntng actnctgtga ggnatggtgc tgggngcnta tgcngtgngn ttttggatac       60
naccttatgg acantngcnn tcccnnggaa ngatnataat ncttactgna gnnactnnaa      120
nnttccntnt cnaaaangtt naaaaancatt ggatgtgcca caatgatgac agtttatttg     180
ctactcttga gtgctataat gatgaagatc ttanccacca ttatcttaac tgangcaccc      240
aanatggtga nttggggaac atatanagta cacctaagtt cacatgaagt tgtttnttcc      300
caggnnctaa agagcaagcc taactcaagc cattgncaca caggtgagac acctctattt      360
tgtacttctc acttttaagg gattagaaaa tagcca                               396
```

        <210> 74
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 74
```
ccttttttt tttttttact gngaatatat acttttatt tagtcatttt tgtttacaat        60
tgaaactctg ggaattcaaa attaacatcc ttgcccgtga gcttcttata gacaccanaa      120
aaagtttcaa ccttgtgttc cacattgttc tgctgtgctt tgtccaaatg aacctttatg      180
```

```
agccggctgc catctagttt gacgcggatt ctcttgccca caatttcgct tgggaagacc    240
aagtcctcaa ggatggcatc gtgcacagct gtcagagtac ggctcctggg acgcttttgc    300
ttattttttg tacggctttt tcgagttggc ttaggcagaa ttctcctctg agcgataaag    360
acgacatgct tcccactgaa cttttttctcc aattcg                             396
```

```
        <210> 75
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 75
tttttttttt tttntttttt tttttttttt ttttttnaa ntntaanggg ganggccct    60
ttttttaaa ctngnccntt ttnctttcct ttttnaaaa ggaaaaaaaa annttnttt   120
ttcnttnaaa aaccctttt cccacnaaca aaaaaaaccn ttccccntnc cttttnnnna   180
aaaaaaaggg gctnggnntt tcccttann caaaaaaccn tntccnnggg naaaaaantt   240
ntcnccgggg gggaaacnnn tgggggtgtn nccnaaattt ggggggcntc ggaaggggggg   300
nnccncncct aaagangtnt ttcaaaanaa aaaccccnt cctnttntaa aaanaaaana   360
aaanaangnn ngnnttttt ntcnttnncc ccccaa                             396
```

```
        <210> 76
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 76
acattcttca gaaatacagt gatgaaaatt cattttgaaa ctcaaatatt ttcattttgg    60
atattctcct gtttttatta aaccagngat tacncctggc cntccctnta aatgttctag   120
gaaggcatgt ctgttgtnnt ttnnnnaaaa nnaaattntt ttttttttngn naaaccccaa   180
atcccanttt atcaggaagt tagncnaatg aaatggaaat tggntaatgg acaaaagcta   240
gcttgtaaaa aggaccaccc nnccacnngn ctttacccc ttggttngtt gggggaaaaa   300
ccatnnttaa ccntntggnn aaaattgggn ncntaaagtt tncntggnna acagtncntn   360
cngtattnaa ttgncnttat nggaaaatcn gggatt                             396
```

```
        <210> 77
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 77
tttttttttt tttttttttt tttttttttt tatcaacatt tatatgcttt attgaaagtt    60
ganaanggca acagttaaat ncngggacnc cttacaattg tgtaaanaac atgcncanaa   120
acatatgcat ataactacta tacaggngat ntgcaaaaac ccctactggg aaatccattt   180
```

```
cattagttan aactgagcat tttttcaaagt attcaaccag ctcaattgaa anacttcagt    240
gaacaaggat ttacttcagc gtattcagca gctanatttc aaattacnca aagngagtaa    300
ctgngccaaa ttcttaaaat ttntttaggg gnggtttttg gcatgtacca gtttttatgt    360
aaatctatnt ataaaagtcc acacctcctc anacag                             396
```

    <210> 78
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 78

```
agctggcnaa aggngnatgn gctgcnangc gattangnnn ggtaacgtca nnggntnncc    60
agtgcangac nttgtaaaac gacggccaca tgaattgtaa tacgactcac tatngggcgn    120
attgggccgt gnaggatngt gntcacactc gaatgtatnc tggcngatnc ananngcttt    180
atngctnttg acggngnntn anccanctng ggctttaggg ggtatcccct cgcccctgct    240
tcnttgattt gcacgggcnn ctccganttc cttcataata ccngacgctt cnatccccta    300
gctcngacct ntcantntnt tcnntgggtt ntnnccgntc acngcttncc cgnangntat    360
aatctnggct cctttnggga tccattantc tttact                             396
```

    <210> 79
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 79

```
caccaaccaa aacctggcgc cgttggcatc gtagagtgaa cacaacccaa aaacgatacg    60
ccatctgttc tgccctggct gcctcagccc taccagcact ggtcatgtct aaaggncatc    120
gtattgagga agttcctgaa cttcctttgg tangttgaag ataaagctga aggctacaag    180
aagaccaang aagntgtttt gctccttaan aaacttanac gcctggaatg atatcaaaaa    240
ngctatgcct ctcagcgaat gagactggan angcaaaatg agaaaccntc nccgcatcca    300
gcgnaggggc cgtgcatctc tatnntgang atnntggnan cnttcaaggc cttcagaacc    360
tccctngaaa tnctctnctt taangaacca aactgn                             396
```

    <210> 80
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 80

```
tgtacatagg catcttattc actgcaccct gtcacaccca gcacccccccg ccccgcacat    60
tatttgaaag actgggaatt taatggttag ggacagtaaa tctacttctt tttccaggga    120
cgactgtccc ctctaaagtt aaagtcaata caagaaaact gtctattttt agcctaaagt    180
```

```
aaaggctgtg aagaaaattc attttacatt gggtagacag taaaaaacaa gtaaaataac      240
ttgacatgag cacctttaga tccttccctt catggggctt tgggcccaga atgacctttg      300
aggcctgtaa anggattgna atttcctata agctgtatag tggagggatt ggngggtcat      360
ttgagtaagc cctccaagat acnttcaata cctggg                                396
```

        <210> 81
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 81
```
gcagctgaag ttcagcaggt gctgaatcga ttctcctcgg cccctctcat tccacttcca      60
acccctccca ttattccagt actacctcag caatttgtgc cccctacaaa tgttagagac      120
tgtatacgcc ttcgaggtct tccctatgca gccacaattg aggacatcct gcatttcctg      180
ggggagttcg ccacagatat tcgtactcat ggggttcaca tggtttttgaa tcaccagggn      240
ccgccatcag gagatgcctt tatccagatg aagtctgcgg acagancatt tatggctgca      300
cagaagtggc ataaaaaaaa catgaaggac agatatgttg aagtttttcag tgtcagctga      360
nganagaaca ttgnngtann nggggggnact ttaaat                               396
```

        <210> 82
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 82
```
gactcagaaa tgtcagtctc atgaagttca aaagatcgag aatgtttgct atcttggtgg      60
agcagccgca gccaagcaag taacttgtaa aatgaggaat gccatcaccc ctcgagtgtc      120
catcccacat aacttggggt tagagcacaa gcgttcccag gaactactca ccttaccatc      180
ttggccgttt catttgcttc caccagttct ggaaagagan ggcctagaag ttcaaaaaaa      240
aagtaggaaa ngtgcttttg gagaaaatca cctgctcctc agaactgggc ttacaanctg      300
ngaagtacnc tatgtgccac ctaatcctca tatatgacct caagagacnc caataagcat      360
atttccacca cggaatgacc agtgctttgg gtaana                                396
```

        <210> 83
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 83
```
tttgatttaa ganatttatt attttttaa aaaaagcaac ttccagggtt gtcattgtac      60
aggttttgcc cagtctccta tagcatggta tagtgataac tgattttta taacaatgac      120
tcagaggcat tgaagatcca taactatctt ctgaattatc acagaaagaa gaaagttaga      180
```

```
agagtttaat gttaagtgta ttaaaaatca tattctaatt cttttaattt ggttatctga    240
gtatgataat ataggagagc tcagataaca aggaaaaggc attggggtaa gaacactcct    300
tcccacagga tggcattaac agacttttc tgcatatgct ttatatagtt gccaactaat     360
tcaccttta cncagcttna ttttttttta ctnggg                              396
```

        <210> 84
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 84
```
ttttacagc aattttttt tattgatgtt taacctgtat acaaccatac ccatttaag     60
ngtacagaca aatgaatttt gacaaattca ttcactcatc taatcatcac tataaccatg   120
atacagattt ttatcactcc aaaagtccat cctgtgctct tttcaagtcc atcctcctca   180
tctgataccc caagccacca ttgttttgct ttctggaact acagttttgg gnttttagaa   240
tttcatatat ggtngaatca taccatttgn natttggggc tgacgncttt cctccaataa   300
tggatttgag aattatctac attttgcatg gatcctgggt tatttatacc aacnangggt   360
tattatgnaa aatnggacca caatttggng gcanta                            396
```

        <210> 85
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 85
```
cagtgaccgt gctcctaccc agctctgctc cacagcgccc acctgtctcc gcccctcggc   60
ccctcgcccg gctttgccta accgccacga tgatgttctc gggcttcaac gcagactacg   120
aggcgtcatc ctcccgctgc agcagcgcgt ccccggccgg ggatagcctc tcttactacc   180
actcacccgc agactccttc tccagcatgg gctcgcctgc aacgcgcagg acttctgcac   240
ggacctggcc gctccagtgc caacttcatt ccacggcact gcatctcgac canccggact   300
tgcannggtt ggggaanccg cccttgtttc tccgtggccc atctaanacc aaacccntca   360
cctttcgga gnccccnccc ctccgntggg nttact                             396
```

        <210> 86
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 86
```
ttttnnactg aatgtttaat acatttgnag gaacagaaga aatgcagtan ggattaanat   60
tttataatta gacattaatg taacagatgn ttcattttc aaagaagntn cccccttntc     120
cctatctttt tttaatcttc cttanagcaa taantagtaa ttactatatt tgtggacaag    180
```

```
ctgctccact gtgntggaca gtaattatta aatctttatg tttcacatca ttattacctt     240
ccanaattct accttcattt ccctgcacag gttcactgga ctggntcaca ancaaattgn     300
actccactca antanaagag cccaaagaaa ttagagtaac gncnantcct atgaattana     360
gacccaaaga tttnaggngn tgattagaaa cataan                              396
```

<210> 87
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 87

```
atggaggcgc tggggaagct gaagcagttc gatgcctacc ccaagacttt ggaggacttc      60
cgggtcaaga cctgcggggg cgccaccgtg accattgtca gtggccttct catgctgcta     120
ctgttcctgt ccgagctgca gtattacctc accacggagg tgcatcctga gctctacgtg     180
gacaagtcgc ggggagataa actgaagatc aacatcgatg tacttttttcc ncacatgcct    240
tgtgcctatc tgagtattga tgccatggat gtggccngag aacancagct ggatgnggaa    300
cacaacctgt ttaagccacc actagataaa gatgcatccc ngtgagctca nagctgagcg    360
gcatgagctt gngaaantcn aggtgaccgg gtttga                             396
```

<210> 88
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 88

```
tccagagcag agtcagccag catgaccgag cgccgcgtcc ccttctcgct cctgcggggc      60
cccagctggg accccttccg cgactggtac ccgcatagcc gctcttcgac caggccttcg     120
ggctgccccg gctgccggag gagtggtcgc agtggttagg cggcagcagc tggccaggct     180
acgtgcgccc cctgcccccc gccgcatcga gagccccgca gtggccgcgc ccgctacagc     240
cgcgcngctc agccggcaac tcacancggg gctcggagat ccgggacact gcggaccgct     300
ngcgcgtgcc ctggatgtca ccactttngc ccggacaact gacggtnana caaggatggg     360
gggtgganan nccngtaanc caagaanggg naggac                             396
```

<210> 89
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 89

```
gagagaacag taaacatcca gccttagcat ctctcangag tactgcagat cttcattagc      60
tatattcaca tggagnaatg ctattcaacc tatttctctt atcaaaacta attttgtatt     120
ctttgaccaa tgttcctaaa ttcactctgc ttctctatct caatcttttt cccctttctc     180
```

```
atctttcctc cttttttcag tttctaactt tcactggttc tttggaatgn ttttttctttc    240
atctctttttc ttttacattt tggggtgtcc cctctctttt cttacccctct ttctncatcc    300
ttcttnttct tttgaattgg ctgcccttta tcntctcatc tgctgncatc ttcatttctc    360
ctccctcctn tttccnntca ttctactctc tcccnt                             396
```

        <210> 90
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 90

```
gggcgccggc gcgcccccc accccccgccc cacgtctcgt cgcgcgcgcg tccgctgggg    60
gcggggagcg gtcgggccgg cngcggtcgg ccggcggcag ggtggtgcgn tttcntttttn    120
nattnnccnc nttcttcttn nttnnncnnn ctnntanncn ntnncnttcn cnnnntttnc    180
tntntcttna ccnnntttttn taatcntctt ctncntnnnn tctcttnnat ntnttnctta    240
nttcctnnnn tttnttctnt cntttctcnc ctnnntctcn nnctcnncnc tcnncatttt    300
nntnttttttnt nccttctnnt cttnnttctn ntnntnnttt nnnnttctnt tnntcatntt    360
ncctntntta ctntcanctt ntatnnncct cntttt                             396
```

        <210> 91
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 91

```
ntntcctnna ttttttnnntc nncttttttt tnnaattttt ctttnttttn tttataaaaa    60
tcnncacnta aaacngcgga anagggggatt tnttnttngg gngtancncn nggccncaaa    120
naacccccaaa aatanccccaa aatgcacagg nccngggnaa angaccnacn tgggtntttt    180
ntttntnaac aaggggggtt ttaaagggna tnggnatcaa agggnataaa ntttaaacct    240
ttganaaatt ttttaanagg cttgccccc actttggncc ccncccccncn gnnggggatcc    300
aatttttttt cnttggggct cccngncccn nannttccgg gttnntggnc nntcctnntt    360
tttttttttt tgccttcacc cntnccattn cntttt                            396
```

        <210> 92
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 92

```
ctntttnnnt nttttttttcc ccatcatcca naaatgggtt ttattctcag ccgagggaca    60
gcaggactgg taaaaactgt caggccacac ggttgcctgc acagcacccc catgcttggt    120
aggggggtggg agggatggcg ggggctggnt gnccacaggc cgggcatgac aaggaggctc    180
```

```
actggaggtg gcacactttg gagtgggatg tcgggggaca ncttctttgg tanttgggcc    240
acaagattcc caaggatanc acnnnnactg attnccannc tanagncaag cggntggcca    300
tntgtangnn nttntntatn tgactattta tagattttta tanaacaggg naagggcata    360
ccncaaaagg gnccaanttt ttaccnccgg gcnccc                             396
```

        <210> 93
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 93
```
gctgccacag atctgttcct ttgtccgttt ttgggatcca caggccctat gtatttgaag    60
ggaaatgtgt atggctcaga tcctttttga aacatatcat acaggttgca gtcctgaccc    120
aagaacagtt ttaatggacc actatgagcc cagttacata aagaaaaagg agtgctaccc    180
atgttctcat ccttcagaag aatcctgcga acggagcttc agtaatatat cgtggcttca    240
catgtgagga agctacttaa cactagttac tctcacaatg aaggacctgn aatgaaaaat    300
ctgnttctaa ccnagtcctn tttanatttt agngcanatc cagaccancg ncggtgctcg    360
agtaattctt tcatgggacc tttggaaaac tttcag                             396
```

        <210> 94
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 94
```
tgccttaacc agtctctcaa gtgatgagac agtgaagtaa aattgagtgc actaaacgaa    60
taagattctg aggaagtctt atcttctgca gtgagtatgg cccaatgctt tctgnggcta    120
aacagatgta atgggaagaa ataaaagcct acgtgttggt aaatccaaca gcaagggaga    180
tttttgaatc ataataactc atanngtgct atctgtcagt gatgccctca gagctcttgc    240
tgntagctgg cagctgacgc ttctangata gttagnttgg aaatggtctt cataataact    300
acacaaggaa agtcanccnc cgggcttatg aggaattgga cttaataaat ttagngngct    360
tccnacctaa aatatatctt ttggaagtaa aattta                             396
```

        <210> 95
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 95
```
cctcccaccc ncttanttca tgagattcga naatgncact tntgtgctnt ttnctnnttn    60
tattctnacn atttctttct tggngcggna nnaatcccnt ttttnngggc gnctctcccn    120
ncttntnntt tcntggngct ntcccttttc nnnnnaaact tntacnnngt ttanaantnt    180
```

```
ttctgnangg gggnntccna aananttttt ccncctncct nattccnctc tnaannctcn    240
cnaattgttt ccccccccn ntagnntatt ttttctaaaa aattaactcc nacgganaaa    300
attttcccta aaatttcncc tccanatttn gaaaaaacnc gcccgganct nntntncgaa    360
tntnaatttt tnaaaaaaan ttattttcat cnggnn                            396
```

        <210> 96
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 96
```
cctgggtacc aaatttcttt atttgaagga atggtacaaa tcaaagaact taagtggatg     60
ttttggacaa cttatagaaa aggtaaagga aaccccaaca tgcatgcact gccttggcga    120
ccagggaagt caccccacgg ctatggggaa attagcccga ngcttaactt tcattatcac    180
tgcttccaag gggngtgcttg gcaaaaaaat attccgccaa ccaaatcggg cgctccatct    240
tgcccagttg gtnccgggnc cccaattctt ggatgctttc ncctcttntt ccggaatgng    300
ctcatgaant cccccaanng gggcattttg ccagnggccn tttngccatt cnagnnggcc    360
tgatccattt tttccaatgt aatgccnctt cattgn                            396
```

        <210> 97
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 97
```
ctcaccctcc tcntnnttnt canaatattg ngaacttnnt nctgntcgaa tcactggcat     60
taaagganca ctagctaatg gcactaaatt tacnnactan ggaaactttt ttataatant    120
gcaaaaacat ntnaaaaaga ntgnagttcg cccatttctg cttnggaaga nctcttcact    180
tntaancccn natgnngncc tttgggtcaa aanctccgcg attattacng ngttncccnc    240
tatttgncct tcctttntcc ccaangccnc anatttcnna actttnccnt naaatgcctt    300
tatttnatnn cntttcnacn ncttaanntt ccctttnaan aangatccct ncttcaaatn    360
ntttcccngt tcctngcatt ncccnnnnat ttctct                            396
```

        <210> 98
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 98
```
acagggacaa tgaagccttt gaagtgccag tctatgaaga ggccgtggtg ggactagaat     60
cccagtgccg cccccaagag ttggaccaac caccccctac agcactgttg tgataccccc    120
agcacctgan gaggaacaac ctaccatcca gaggggccag gaaaagccaa actggaacag    180
```

```
aggcgaatgg ctcagagggg tncatggcca agaaggaagc cctggaagaa cttcaatcac    240
cttcggtttc gggaccaccg gcttgtgtcc ctgttctgac tgcanaactt ggcgcngtnc    300
cccattanaa cctntgactc nncccttgct ataagnctgt tttggcccct gatgatgata    360
gggttttttat gangacactt gggcacccccc ttaatg                            396
```

        <210> 99
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 99
```
nttnttttttc cgncnaaagg gcaagngttt ncatctttcc tgnccncnca ananngggtn    60
tntgtgcntt tnttttttcc caaaacccgg gtnggggaca ccttttgagg anccactnnt    120
cntccggggc nnnnttttag aaggngncta anaagcntct tgnngggggga aaaacatctt    180
tttgcncccn acatacccccc aagggggggg ggtgtctggg agganactaa ngactttttnt    240
tttttnnccn caaanaactg anggcccccca ttgctcccccc cccantcttt aaaaaacccc    300
ttcaatttcc ttgncnggna aaaanggttg gnaaaaaang agngngcntc nnttncnttt    360
natggaaggn aaaaggtttt tggttgnaaa acccccg                            396
```

        <210> 100
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 100
```
ctaacacggt gaaaccctgt ctctactaaa aatacaaaaa aattagccag gcgtggtggc    60
gggcacctgt agtcccagct gctcaggaag ctgaggcagg agaatggcgt gaacccagaa    120
ggcggagctt gcagtgagct gagatcgtgt cagtgcactc cagcctgggc gacagagcga    180
gactcccgct caaaaaaaaa aaaaaaaaga gaaagaaaa agctgcagng agctgggaat    240
gggccctatc ccctccttgg ggatcaatga gacccctttt caaaanaaaa aaaaaaataa    300
tgngattttg gnaacatatg gcactggtgc ttcnnggaat tctgtttntn ggcatgnccc    360
cctntgactg nggaaaaatc cagcaggagg cccana                            396
```

        <210> 101
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 101
```
agttataact caacagttca tttatatgct gttcatttaa cagttcattt aaacagttca    60
ttataactgt ttaaaaatat atatgcttat agncaaaann tgttgtggcg nagttgttgc    120
cgcttatagc tgagcattat ttcttaaatt cttgaatgtt cttttggngg gntnctaaaa    180
```

```
ccgtatatga tccattttna tgggaaacng aattcntnnc attatcncac cttggaaata     240
cnnaacgtgg gggaaaaaaa tcattcccnc cntccaaaac tatacttctt ttatctngan     300
nttcttgntc ctgcncnggt ttngaatata nctgggcaaa nggntttncc aaatccntnt     360
acnntncttt gggaantanc ggcaantcnt cncttt                               396
```

```
        <210> 102
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 102
actatacata agaacangct cacatgggag gctggaggtg ggtacccagc tgctgtggaa      60
cgggtatgga caggtcataa acctagagtc agngtcctgt tggcctagcc catttcagca     120
ccctgccact tggagnggac ccctctactc ttcttagcgc ctaccctcat acctatctcc     180
ctnctcccat ctcctacgga ctggcgccaa atggctttcc tgccaatttt gggatcttct     240
ctggctctcc agcctgctta ctcctctatt tttaaagggc caaacaaatc ccttctcttt     300
ctcaaacaca gtaatgnggc actgaccota ccacacctca tgaaggggggc ttgttgcttt     360
tatttgggcc cgatctgggg ggggcaaaat attttg                               396
```

```
        <210> 103
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 103
ttgtgttggg actgctgata ggaagatgtc ttcaggaaat gctaaaattg ggcaccctgc      60
cccaacttca aagccacagc tggtatgcca natggtcagg ttaaagatat caacctgctg     120
actacaaagg aaaatatggt ggggtcttct tttaccctct tgacttccct ttgngngccc     180
cccgaganca ttgctttccg ngatagggca aaanaaatta aaaaacttaa ctggccagtg     240
aatgggcgctt ctgnggatct ccttctggca ttacatnggc aatccctaaa aaacaagang     300
actgggaccc ataacattct tttgnatcaa ccgaagcccc cattgttang atatngggct     360
taaangctga tnaagcatct cgtccgggcn ttttat                               396
```

```
        <210> 104
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 104
aagggagggc gcgccaagac cttcccactc gngcacactg ggggcgccga cangacgcaa      60
cccagtccaa cttggatacc cttggnttta gttctcggac acttctttta tctctccgtc     120
gcaacttgtc aagttctcaa nactgtctct ctgngntatc ttttttcttc gctgctcttc     180
```

```
nnccccccgac gtatttntca aaangtctgc aattgttgna tacntnganc tncaccactg    240
ttacnaggtc atnaatttcn cntcaactct ntnccncttg ttccctgata tntcggccgg    300
ngncnccaat tctgtatttt nctcntcaac gntctcactt ttncctcctc cnggccactt    360
tctccccttc cttattccgg cnttgtttgc cnccat                              396
```

        <210> 105
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 105

```
tcaatagcca gccagtgttc atttttatcc ttgagctttt agtaaaaact tcctggnttt     60
attttagtc attgggtcat acagcactaa agtctgctat ttatggaaac taactttttt    120
gtttttaatc caggccaaca tgtatgtaaa ttaaattttt agataattga ttatctcttt    180
gtactacttg agatttgatt atgagatgtg catattgctt tgggaagagc tcgaggaagg    240
aaataattct ctcctttggt ttgaacctca actagataaa ccctaggaat tgttaactgc    300
acaagnattt tcattccaca aaacctgagg cagctctttt gccagagcgt tcctgnaccc    360
ccccacccca cttgccttgg gtctttanaa ngagcc                             396
```

        <210> 106
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 106

```
gctgtgtagc acactgagtg acgcaatcaa tgtttactcg aacagaatgc atttcttcac     60
tccgaagcca aatgacaaat aaagtccaaa ggcattttct cctgtgctga ccaaccaaat    120
aatatgtata gacacacaca catatgcaca cacacacaca cacacccaca gagagagagc    180
tgcaagagca tggaattcat gtgtttaaag ataatccttt ccatgtgaag tttaaaatta    240
ctatatattt gctgatggct agattgagag aataaaagac agtaaccttt ctcttcaaag    300
ataaaatgaa aagcaattgc tcttttcttc ctaaaaaatg caaaagattt acattgctgc    360
caaatcattt caactgaaaa gaacagtatt gctttg                             396
```

        <210> 107
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 107

```
ttcacagaac anggtggttt attatttcaa tagcaaagag ctgaaaaatg tcgggtccca     60
taaaggagca gaacctgacc cagagcctgc agtacatttc caccccacag gggtgcaggc    120
tgggccaggc agggccaaag gcagcagaaa tgggagtaag agactgtgcc cactgagaag    180
ctctgctggg tgtgggcagg tgggcatgan atgatgatga tgtagtgtaa ggaccaggta    240
ggcaaaacct gtcaggnttg ntgaatgtca nagtggatcc aaaaggctga gggggtcgtc    300
anaaggccgg nggncccncc cttgcccgta tgggccttca aaaagtatgc ttgctcatcc    360
gttgtttncc ccanggagct gccanggana aggctn                             396
```

```
<210> 108
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 108
gcctgctttt gatgatgtct acagaaaatg ctggctgagc tgaacacatt tgcccaattc      60
caggtgtgca cagaaaaccg agaatattca aaattccaaa ttttttttctt aggagcaaga     120
agaaaatgtg gccctaaagg gggttagttg aggggtaggg ggtagtgagg atcttgattt      180
ggatctcttt ttatttaaat gtgaatttca acttttgaca atcaaagaaa agactttttgt     240
tgaaatagct ttactgcttc tcacgtgttt tggagaaaan natcanccct gcaatcactt      300
tttgnaactg ncnttgattt tcngcnncca agctatatcn aatatcgtct gngtanaaaa      360
tgncctggnc ttttgaanga atacatgngt gntgct                                396

<210> 109
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 109
ggccgtaggc agccatggcg cccagcccgg aatggcatgg tcttgaagcc ccacttccac       60
aaggactggc agcggcgcgt ggccacgtgg ttcaaccagc cggcccggaa gatccgcaga      120
cgtaaggccc ggcaagccaa ggcgcgccgc atcgctccgc gccccgcgtc gggtcccatc      180
cggcccatcg tgcgctgccc acggttcggt accacacgaa gggcgcgccg gcgcggnttc      240
agcctggagg agctcagggt ggccggattt acaagaagng gccngacatc ngtattcttg      300
ggatncnnga agnggaacaa gtcacngagt ccttgcagcc acntcagcgg ntgatgacac      360
cgttcnaact catctnttcc caagaaacct cngnnc                                396

<210> 110
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 110
nntgggctcc tnncantnat aataaaccng actcatacnc cacaaggaga tgaacaggan       60
tatgtncatn ctgacgcgga aacagngcan ggagctgagg aggngccaag atgagaccta      120
nnggccnngg tgggcgcatt cccggnggag ggggccacta aggantacga nnntcnagcg      180
gctcttgnng gcngncctcc tcacncctgn ntattcgatt gtcncnnatg ncntcctatn      240
atnntcanna ttctntnntn atctcntnta cnncntcncn ttcatgntta cngntccctc      300
tcnttctnac cnttntctgn anctccttttc tnnnnctttc atctntnttc ngctttcttt     360
ctnnaatcnt nntttaacnt nntctnctttt ntnatt                               396
```

```
<210> 111
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 111
taangancat nctggnttnt gcctnnccgn ctnattgant gttaaaggca attntgtggn      60
tgtcccagng aatgncggct nattttcttt ccacattgng cncattcact cctcccactc     120
ttggcatgtn gngacataag canggtacat aatngnaaaa atctgnattt ctgatgccan     180
anggqtanan cntnttgnat ntcattccat tgatatacag ccactntttt atttttgatc     240
ancggccttc ggntcactgc ncanggtact tgacctcagt gtcactatta tgggntttgg     300
tttcnctctt ttncnggccn ttntntttcn cacnttncan cttncttnnt nnaaaannna     360
nncactctct cttgctctct ngatacnnng tctnaa                              396


<210> 112
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 112
tcaacgtcac caattactgc catttagccc acgagctgcg tctcagctgc atggagagga      60
aaaaggtcca gattcgaagc atggatccct ccgccttggc aagcgaccga tttaacctca     120
tactggcaga taccaacagt gaccggctct tcacagtgaa cgatgttaaa gntggaggct     180
ccaagnatgg tatcatcaac ctgcaaagtc tgaagacccc tacgctcaag gtgttcatgc     240
acgaaaacct ctacttcacc aaccggaagg tgaattcggg gggctgggcc tcgctgaatc     300
acttggattc cacattctgc tatgcctcat gggactcgca gaacttcagg ctggccaccc     360
tgctcccacc atcactgntn gncaatantc acccag                              396


<210> 113
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 113
nnnnttnnnn nggagcctta atttcagagt tttattgtat tgcactaaag gaacagcagg      60
atggntatac aattttctct cattcagttt tgaaaatctg tagtacctgc aaattcttaa     120
gaataccttt accaccagat tagaacagta agcataataa ccaatttctt aataagtaat     180
gtcttacaaa taaaaacaca tttaaaatag ctttaaatgc attcttcaca agtaattcag     240
catatatttt atatcatggt tacttatgct tangaattnn agcaggatnt ttattctttt     300
gatggaaata tgggaaaact ntattcatgc atatacangg ataatattca gcgaagggaa     360
aatcccgttt ttattttggn aatgattcat atataa                              396
```

```
<210> 114
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 114
aaatgggaca acgtgattct tttgtttaa ataaatactn agaacacgga cttggctcct      60
acaagcattt ggactctaag gnttagaact ggagagtctt acccatgggc cccncncagg     120
gacgccacgg ttccctccca ccccgngatc aagacacgga atcngntggc gatngttgga     180
tcgcnatgtg ccccttatct atagccttcc cnggncatnt acangcagga tgcggntggg     240
anaactacaa ctgnaatntc tcnaacggtn atggtcccca ccgatnaaga ttctacctng     300
tcttttcntc ccctggagtg tgagtgnnng aggaagaagc ccttncctta catcaccttt     360
tgnacttctg aacaaganca anacnatggc ccccc                                396

    <210> 115
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 115
ccgcctggtt cggcccgcct gcctccactc ctgcctctac catgtccatc agggtgaccc      60
agaagtccta caaggtgtcc acctctggcc cccgggcctt cagcagccgc tcctacacga     120
gtgggcccgg ttcccgcatc agctcctcga gcttctcccg agtgggcagc agcaactttc     180
gcggtggcct ggcggcggct atggtggggc cagcggcatg ggaggcatca cccgcagtta     240
cggcaaccag agcctgctga gccccttgcc tggaggngga ccccaacatc aagccgngcg     300
cacccaggaa aaggagcaga ncaagaccct caacaacaag nttgcttctt catagacaag     360
ggaccggtcc ttgaacagca naacaagatg ntggag                               396

    <210> 116
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 116
atctcagttt actagctaag tgactttggg caagggattt aacctctcgt ccctcagttt      60
cctcctatgt aaaatgacaa ggataatagt accaacccaa tgtagattaa atgagtttac     120
gaagtgttag aatagtgctt ggcacattag tgctttacaa ctgctatttt gattgttgtt     180
gtgggctctc tcaaatgcat tgtctctaga tgccagtgac ccaggtcaaa atttaccttt     240
aaccaagctg catgtttccc agactgntgc acagtcctct accctgagan aaagcttcca     300
cccaaggata cttttacttt ctgctggaaa actgatgagc aanggcaaca ngggacactt     360
atcgccaact ggaaangaga aattcttcct tttgct                               396
```

```
<210> 117
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 117
aaacattttt taataaaatt cctatagaaa gctcagtcat agggcaaata ctcagttctc      60
tttcccatat caccgaggat tgagagctcc caatattctt tggagaataa gcagtagttt     120
tgctggatgt tgccaggact cagagagatc acccatttac acattcaaac cagtagttcc     180
tattgcacat attaacatta cttgcccta gcaccctaaa tatatggnac ctcaacaaat      240
aacttaaaga tttccgtggg gcgcganacc atttcaattt gaactaatat ccttgaaaaa     300
aatcacatta ttacaagntt taataaatac nggaagaaga gctggcattt ttctaanatc     360
tgaattcnga cttggnttta ttccataaat acggtt                               396


<210> 118
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 118
accnncacct gntnnntttt aacnattaca acttctttat atggcagttt ttactgggng      60
cctaacactc tctttactgn ctcaagngga agtccaaaca aatttcattt ttgtagtaaa     120
aaatctttat ttccaaaatg atttgttagc caaaagaact ataaaccacc taacaagact     180
ttggaagaaa gagacttgat gcttcttata aattccccat tgcanacaaa aaataacaat     240
ccaacaagag catggtaccc attcttacca ttaacctggn tttaannctc caaancnnga     300
tttaaaaatg accccactgg gcccaatcca acatganacc tagggggggnt tgccttgatt    360
angaatcccc cttanggact ttatctnggc tganaa                               396


<210> 119
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 119
atggccagct cactttaaat accacctcaa gactcatcga aatgaccgct ccttcatctg      60
tcctgcagaa ggttgtggga aaagcttcta tgtgctgcag aggctgaagg tgcacatgag     120
gacccacaat ggagagaagc cctttatgtg ccatgagtct ggctgtggta agcagtttac     180
tacagctgga aacctgaaga accaccggcg catccacaca ggagagaaac ctttcctttg     240
tgaagcccaa ngatgtggcc gtcctttgct gagtattcta ncttcgaaaa catctggngg     300
ntactcanga gagaaagcct cattantgcc antctgnggg aaaaccttct ntcagagngg     360
angcaggaat gtgcatatta aaaagctncc ttgnac                               396
```

```
<210> 120
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 120
catgggtcag tcggtcctga gagttcgaag agggcacatt cccaaagaca ttcccagtca      60
tgaaatgtag aagactggaa aattaagaca ttatgtaaag gtagatatgg cttttagagt     120
tacattatgc ttggcatgaa taaggtgcca ggaaaacagt ttaaaattat acatcagcat     180
acagactgct gttagaaggt atgggatcat attaagataa tctgcagctc tactacgcat     240
ttattgttaa ttgagttaca nangncattc annactgagt ttatagancc atattgctct     300
atctctgngn agaacatttg attccattgn gaagaatgca gtttaaaata tctgaatgcc     360
atctagatgt attgtaccna aaggggaaaa ataaca                               396


    <210> 121
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 121
tttttttttt ttttttttaa aatcaagtta tgtttaataa acattaataa atgtttactt      60
aaaagggtta ataaacnttt actacatggc aaattatttt agctagaatg cttttggctt     120
caagncatan aaaccagatt cnaatgccct taaanaattt tnaaanatcc attgangggg     180
ataactgtaa tccccaaggg gaanagggtt gggtatgaca ggtacanggg gccagcccag     240
tnntnncana nncagactct taccntcttt ctgctgtgnc accctcaggc attggctcca     300
ttctcngggn tgcncatggg aagatggctt tggacntaac nacacccttt tgtncacgta     360
aaggccngat gcagggtcaa anagnttccn ccatnt                               396


    <210> 122
    <211> 396
    <212> DNA
    <213> Homo sapien

    <400> 122
gtcgacatgg ctgccctctg ggctcccaga acccacaaca tgaaagaaat ggtgctaccc      60
agctcaagcc tgggcctttg aatccggaca caaaaccctc tagcttggaa atgaatatgc     120
tgcactttac aaccactgca ctacctgact caggaatcgg ctctggaagg tgaagctaga     180
ggaaccagac ctcatcagcc caacatcaaa gacaccatcg gaacagcagc gcccgcagca     240
cccacccccgc accggcgact ccatcttcat ggccaccccc tgcggtggac ggttgaccac     300
cagccaccac atcatcccag agctgagctc ctccagcggg atgacgccgt ccccaccacc     360
tccctcttct tcttttcat ccttctgtct ctttgt                                396


    <210> 123
    <211> 396
    <212> DNA
    <213> Homo sapien
```

```
<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 123
gcccttttttt ttttttttttt tttcctagtg ccaggtttat tccctcacat gggtggttca      60
catacacagc acanaggcac gggcaccatg gganagggca gcactcctgc cttctgaggg     120
gatcttggcc tcacggtgta anaagggana ggatggtttc tcttctgccc tcactagggc     180
ctagggaacc cagnagcaaa tcccaccacg ccttccatnt ctcagccaag ganaagccac     240
cttggtgacg tttagttcca accattatag taagtggana agggattggc ctggtcccaa     300
ccattacagg gtgaanatat aaacagtaaa ggaanataca gtttggatga ggccacagga     360
aggagcanat gacaccatca aaagcatatg caggga                               396


    <210> 124
    <211> 396
    <212> DNA
    <213> Homo sapien


    <400> 124
gaccattgcc ccagacctgg aagatataac attcagttcc caccatctga ttaaaacaac      60
ttcctccctt acagagcata caacagaggg ggcacccggg gaggagagca catactgtgt     120
tccaatttca cgcttttaat tctcatttgt tctcacacca acagtgtgaa gtgcgtggta     180
taatctccat ttcaaaacca aggaagcagc ctcagagtgg tcgagtgaca cacctcacgc     240
aggctgagtc cagagcttgt gctcctcttg attcctggtt tgactcagtt ccaggcctga     300
tcttgcctgt ctggctcagg gtcaaagaca gaatggtgga gtgtagcctc cacctgatat     360
tcaggctact cattcagtcc caaatatgta ttttcc                               396


    <210> 125
    <211> 396
    <212> DNA
    <213> Homo sapien


<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 125
ccctttttttt ttttttttttt ttttttttttt tttttttactt tgnaacaaaa atttattagg      60
attaagtcaa attaaaaaac ttcatgcncc nccncttgtc atatttacct gaaatgacaa     120
agttatactt agcttgagng naaaacttgn gccccaaaaa ttntgtttgg aaagcaaaaa     180
aataattgat gcncatagca gngggcctga tnccnccaca gngaatgttg tttaaggnct     240
aacaaacagg ggncancaaa gcatacatta cttttaagct ttgggnccaa ggaaaangtc     300
attccctacc tccttcaaaa gcaaactcat natagcctgg gcncctaggn ctggagcctn     360
tttttcgag tctaanatga acatntggat ttcaan                                396


    <210> 126
    <211> 396
    <212> DNA
    <213> Homo sapien


    <400> 126
cgcgtcgact cgcaagtgga atgtgacgtc cctggagacc ctgaaggctt tgcttgaagt      60
caacaaaggg cacgaaatga gtcctcaggt ggccaccctg atcgaccgct ttgtgaaggg     120
aaggggccag ctagacaaag acaccctaga caccctgacc gccttctacc ctgggtacct     180
gtgctccctc agccccgagg agctgagctc cgtgcccccc agcagcatct gggcggtcag     240
```

```
gccccacgac ctggacacgc tggggctacg gctacagggc ggcatcccca acggctacct    300
ggtcctagac ctcagcatgc aagaggccct ctcggggacg ccctgcctcc taggacctgg    360
acctgttctc accgtcctgg cactgctcct agcctc                              396
```

        <210> 127
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 127
```
tttttttttt ttggnggtaa aatgcaaatg ttttaaaata tgtttatttt gtatgttta     60
caatgaatac ttcagcaaag aaaataatta taatttcaaa atgcaatccc tggatttgat    120
aaatatcctt tataatcgat tacactaatc aatatctaga aatatacata gacaaagtta    180
gctaatgaat aaaataagta aaatgactac ataaactcaa tttcagggat gagggatcat    240
gcatgatcag ttaagtcact ctgccacttt ttaaaataat acgattcaca tttgcttcaa    300
tcacataaac attcattgca ggagttacac ggctaatcat tgaaaattat gatctttgtt    360
agcttaaaag aaaattcagt ttaatacaaa gacatt                              396
```

        <210> 128
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 128
```
gccctttttt ttttttttta aaggcaaata aaataagttt attgggatgt aaccccatca     60
taaattgagg agcatccata caggcaagct ataaaatctg gaaaatttaa atcaaattaa    120
attctgcttt taaaaaggtg ccttaagtta accaagcatt ttgataacac attcaaattt    180
aatatataaa aatagatgta tcctggaaga tataatgaan aacatgccat gtgtataaat    240
tcanaatacg cttttacac aaagaactac aaaaagttac aaagacagcc ttcaggaacc     300
acacttagga aaagtgagcc gagcagcctt cacgcaaagc ctccttcaaa naagtctcac    360
aaagactcca gaaccagccg agtntgtgaa aaagga                              396
```

        <210> 129
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 129
```
gccctttttt tttttttttt ttttactcag acaggcaata tttgctcaca tttattctct     60
tgcatcgtaa atagtagcca actcacaaaa ataaagtata caanaatgta atatttttta    120
aaataagatt aacagtgtaa gaaggaaaat ctcaaaaaaa gcanatagac aatgtanaaa    180
attgaaatga aatcccacag taanaaaaaa aaaacanaaa agtgcctatt taanaattat    240
```

```
gctacatgtg gaacttaact agaccatttt aanaaagacc aatttctaat gcaaattttc    300
tgaggttttc anattttatt tttaaaatat gttatagcta catgttgtcn acncggccgc    360
tcgagtctan agggcccgtt taaacccgct gatcag                              396
```

```
        <210> 130
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 130
cgcccttttt tttttttttt tanngnacgt gnctttattt ctggatgata taaaanaaaa     60
aacttaaaaa acaccccaaa ccaaacacca atggatcccc aaagcgatgt gactccctct    120
tcccacccgg ataaatagag acttctgtat gtcagtctac cctcccgccc ccataacccc    180
ctctgctata nacatactct gggtatatat tactctactc ggcaatagac atctcccgaa    240
aatagaattc ctgccctgac acctgactct tccctggccg catcanacca cccgccactg    300
tagcacactg gtgtccttgc cccctgtggt cagggccatg ctgtcatccc acaanaaggc    360
cacatttgtc acatggctgc tgtgtccacc gtactt                              396
```

```
        <210> 131
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 131
gccctttttt tttttttttt tttttttttt ttcagtttac acaaaaacnc tttaattgac     60
agtatacnnt tttccaaaat atnttttngt aanaaaatgc aataattatt aactatagtt    120
tttacaaaca agtttntcan taaattccag tgtncttnaa acccnnncn annaaaacat    180
atatgancc ccagttcctg ggcaaactgt tgaacattca ctgcanacaa aaagaccanc    240
nccaaanagt catctgngnc ctccatgctg ngtttgcacc aaacctgagg gancagctag    300
ngaccgtgac aaaagctntg ctacagtttt actntngccc tntntgcctc ccccatnatg    360
tttccttggt ccctcantcc tgtnggagta agttcc                              396
```

```
        <210> 132
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 132
cgcgtcgacc gcggccgtag cagccgggct ggtcctgctg cgagccggcg gcccggagtg     60
gggcggcgnt atgtaccttc cacattgagt attcagaaag aagtgatctg aactctgacc    120
attctttatg gatacattaa gtcaaatata agagtctgac tacttgacac actggctcgg    180
tgagttctgc tttttctttt taatataaat ttattatgtt ggtaaattta gcttttggct    240
```

```
tttcactttg ctctcatgat ataagaaaat gtaggttttc tctttcagtt tgaattttcc    300
tattcagtaa aacaacatgc tagaaaacaa acttttggaa aggcattgta actatttttt    360
caaatagaac cataataaca agtcttgtct taccct                              396
```

```
    <210> 133
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 133
ntattacccc tcctggnnan ntggnnatan nctgcaaggn gatnnnccg nngaacttca    60
ctgatnnncc aatnaaaact gctttaaanc tgactgcaca tatgaattnt aatacttact   120
tngcgggagg ggtggggcag ggacagcaag gggggaggat gggaanacaa tagacaggca   180
tgctggggat gcngcgggct ctatggcttc tgangcgnaa agaaccagct ggggctctag   240
ggggtatccc cacgcgccct gtagcngcnc attaaacgcg gcgggtgtgg nggttacttc   300
gcaaagngac cgatncactt gccagcgccc tagctgcccg ctcctttngc tttcttccct   360
tcctttctcg ccacnttnnc cggctntccc cgncaa                              396
```

```
    <210> 134
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 134
tttttttttt ttctgctttt tatatgttta aaaatctctc attctattgc tgctttattt    60
aaagaaagat tactttcttc cctacaagat ctttattaat tgtaaaggga aaatgaataa   120
ctttacaatg ganacacctg gcanacacca tcttaaccaa agcttgaagt taacataacc   180
agtaatagaa ctgatcaata tcttgtgcct cctgatatgg ngtactaana aaaacacaac   240
atcatgccat gatagtcttg ccaaaagtgc ataacctaaa tctaatcata aggaaacatt   300
anacaaactc aaattgaagg acattctaca aagtgccctg tattaaggaa ttattcanag   360
taaaggagac ttaaaagaca tggcaacaat gcagta                              396
```

```
    <210> 135
    <211> 396
    <212> DNA
    <213> Homo sapien

    <400> 135
gcgtcgacgc tggcagagcc acaccccaag tgcctgtgcc cagagggctt cagtcagctg    60
ctcactcctc cagggcactt ttaggaaagg gttttttagct agtgtttttc ctcgctttta   120
atgacctcag ccccgcctgc agtggctaga agccagcagg tgcccatgtg ctactgacaa   180
gtgcctcagc ttcccccggg cccgggtcag gccgtgggag ccgctattat ctgcgttctc   240
tgccaaagac tcgtgggggc catcacacct gccctgtgca gcggagccgg accaggctct   300
tgtgtcctca ctcaggtttg cttcccctgt gcccactgct gtatgatctg ggggccacca   360
ccctgtgccg gtggcctctg ggctgcctcc cgtggt                              396
```

```
    <210> 136
```

```
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 136
ttatgcttcc ggctcgtntg ttgtgtggaa ttgtgagcgg ataacaattt cacacaggaa      60
acagctatga ccatgattac gccaagctat ttaggtgaca ctatagaata ctcaagctat     120
gcatcaagct tggtaccgag ctcggatcca ctagtaacgg ccgccagtgt gctggaattc     180
gcggncgntc nantctagag ggcccgttta aacccgctga tcagcctcga ctgtgccttc     240
tagttgccag ccatctgttg tttgcccctc ccccgtgcct tccttgaccc tggaaggtgc     300
cactcccact gtcctttcct aataaaatga ggaaattgca tcgcattgtc tgagtaggtg     360
tcattctatt ctggggggtg gggtggggca ggacan                               396


    <210> 137
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 137
tttttttttt ttctgctttg tacttgagtt tatttcacaa aaccacggag aaagatactg      60
aaatggagct ctttccagcc tccaagcaag gaggccccag cagccagtct ccagcccctt     120
gagccctttt tgttaggccc acacccaaaa gagganaacc agtgtgtgcg cgaaggtaca     180
tggcaaggca cttttgaaaa catcccagtt taccgnggtg aaattgaact tactctgaaa     240
cagatgaaaa gggacatgca aaattgctga gcacatggag gtgtttgtta gtaggtgaaa     300
atcatgtcct gggtataacc cagcttctcc aggttagggt gagccgccgt ctggatcagt     360
ggtggcgggc cacacaccag gatgagcgtg gacttc                               396


    <210> 138
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 138
ccctttttt tttttttac aaatgagaaa aatgtttatt aagaaaacaa tttagcagct      60
ctcctttana attttacaga ctaaagcaca acccgaaggc aattacagtt tcaatcatta     120
acacactact taaggngctt gcttactcta caactggaaa gttgctgaag tttgtgacat     180
gccactgtaa atgtaagtat tattaaaaat tacaaattgt ttggtgatta ttttgatgac     240
ctcttgagca gcagctcccc ccaanaatgc ancaatggta tgtggctcac cagctccata     300
tcggcaaaat tcgtggacat aatcatcttt caccattaca gataaaccat attcctgaag     360
gaagccagtg agacaagact tcaactttcc tatatc                               396


    <210> 139
```

```
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 139
ccgccctttt tttttttttt ttcacaaaag cacttttat ttgaggcaaa nagaagtctt          60
gctgaaagga ttccagttcc aagcagtcaa aactcaaccg ttagnggcac tattttgacc        120
tggtanattt tgcttctctt tggtcanaaa agggtattca ggttgtactt tccccagcag        180
ggtaaaaaga agggcaaagc aaactggaan anacttctac tctactgaca gggctnttga        240
natccaacat caagctanac acnccctcgc tggccactct acaggttgct gtcccactgc        300
tgagtgacac aggccatact acatttgcaa ggaaaaaaat gaggcaanaa acacaggtat        360
aggtcacttg gggacgagca ggcaaccaca gcttca                                 396

<210> 140
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 140
tttttttttt tttttttttt tttttttctc atttaacttt tttaatgggn ctcaaaattn          60
tgngacaaat ttttggtcaa gttgtttcca ttaaaaagtn ctgattttaa aaactaataa        120
cttaaaactg ccncncccaa aaaaaaaaac caaagggtc cacaaaacat tntcctttcc        180
ttntgaaggn tttacnatgc attgttatca ttaaccagtn ttttactact aaacttaaan        240
ggccaattga aacaaacagt tntganaccg ttnttccncc actgattaaa agnggggggg        300
caggtattag ggataatatt catttancct tntgagcttt ntgggcanac ttggngacct        360
tgccagctcc agcagccttn ttgtccactg ntttga                                 396

<210> 141
<211> 396
<212> DNA
<213> Homo sapien

<400> 141
acgccgagcc acatcgctca gacaccatgg ggaaggtgaa ggtcggagtc aacggatttg          60
gtcgtattgg gcgcctggtc accagggctg cttttaactc tggtaaagtg gatattgttg        120
ccatcaatga ccccttcatt gacctcaact acatggttta catgttccaa tatgattcca        180
cccatggcaa attccatggc accgtcaagg ctgagaacgg gaagcttgtc atcaatggaa        240
atcccatcac catcttccag gagcgagatc cctccaaaat caagtggggc gatgctggcg        300
ctgagtacgt cgtggagtcc actggcgtct tcaccaccat ggagaaggct ggggctcatt        360
tgcaggggggg agccaaaagg gtcatcatct ctgccc                                 396

<210> 142
<211> 396
<212> DNA
<213> Homo sapien

<400> 142
```

```
acgcaggaga ggaagcccag cctgttctac cagagaactt gcccaggtca gaggtctgcg    60
tagaagccct tttctgagca tcctctcctc tcctcacacc tgccactgtc ctctgcgttg   120
ctgtcgaatt aaatcttgca tcaccatggt gcacttctgt ggcctactca ccctccaccg   180
ggagccagtg ccgctgaaga gtatctctgt gagcgtgaac atttacgagt ttgtggctgg   240
tgtgtctgca actttgaact acgagaatga ggagaaagtt cctttggagg ccttctttgt   300
gttccccatg gatgaagact ctgctgttta cagctttgag gccttggtgg atgggaagaa   360
aattgtagca gaattacaag acaagatgaa ggcccg                              396
```

```
        <210> 143
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 143
tttttttttt tttccatana aaataggatt tattttcaca tttaaggnga acacaaatcc    60
atgttccana aatgttttat gcataacaca tcatgagtag attgaatttc tttaacacac   120
anaaaaatca aagcctacca ggaaatgctt ccctccggag cacaggagct tacaggccac   180
ttntgttagc aacacaggaa ttcacattgt ctaggcacag ctcaagngag gtttgttccc   240
aggttcaact gctcctaccc ccatgggccc tcctcaaaaa cgacagcagc aaaccaacag   300
gcttcacagt aaccaggagg aaagatctca gnggggggaac cttcacaaaa gccctgagtt   360
gtgtttcaaa agccaagctc tggggtctgn ggcctg                              396
```

```
        <210> 144
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 144
tttttttttt tttcgctctt tggtctgaca agaaaagagt tttaggtgtg tgaagtaggg    60
tgggaaaaaa ggtcagtttc aaattcagta acatatggta acactaagtt aggctgctgc   120
attctttct ttgggtactt aagccagctg gcacttccac tttgtaacca attatattat     180
gatcaacaac taatcagtta gttcctcagc ttcaactgaa nagttcctga ttacctgatg   240
aaggacatac ttgctctggc ttcaattagc atgctgtcaa gcatccctct ccatgcttaa   300
catggcaaca caaaacccaa gagtccttct nttttttca ttagccatga ataaacactc     360
acaaggggga agagtagaca ctgcttttag taaacg                              396
```

```
        <210> 145
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 145
```

```
tttttttttt tttttttcaa tggatccgtt agctttacta ctaanatctt gctganatca    60
nanaagggct tctgggcagg ctgagcactg ggggtgtgca acatggtaac tctgaataan   120
anaaaccctg agttttactg ggcaaanaaa naacaagngg taggtatgat ttctgaacct   180
ggaaatagcg aaaatgaagg aaattccaaa agcgcgtatt tccaaataat gacaggccag   240
caagaggaca ccaaacctnt anaaagaggt attntttctt ccagctactg atggctttgg   300
catcccacag gcacattcct ttggccttca ggatcttana tgcanatgtg ganagtcaag   360
aggtaggctg actctgagtc ttcagctaaa ttcttt                             396
```

```
        <210> 146
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 146
tttttttttt ttttcattag caaggaagga tttatttttt cttttgaggg gagggcggaa    60
cagccgggat ttttggaaca ctacctttgt ctttcacttt gttgtttgtg tgttaacacn   120
aataaatcan aagcgacttt aaatctccct tcgcaggact gtcttcacgt atcagngcan   180
acaanaaaac agtggcttta caaaaaaanat gttcaagtag ctgcacttt gcctctgngg   240
gtgaggcaca ctgngggana nacaaggtcc cctgnaacca gaggngggaa ggacanagct   300
ggctgactcc ctgctctccc gcattctctc ctccatgtgt tttgaanagg gaagcaacat   360
gttgaggtct gatcatttct acccagggaa cctgtt                             396
```

```
        <210> 147
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 147
acggggaagc caagtgaccg tagtctcatc agacatgagg gaatgggtgg ctccagagaa    60
agcagacatc attgtcagtg agcttctggg ctcatttgct gacaatgaat tgtcgcctga   120
gtgcctggat ggagcccagc acttcctaaa agatgatggt gtgagcatcc ccggggagta   180
cacttccttt ctggctccca tctcttcctc caagctgtac aatgaggtcc gagcctgtag   240
ggagaaggac cgtgaccctg aggcccagtt tgagatgcct tatgtggtac ggctgcacaa   300
cttccaccag ctctctgcac cccagccctg tttcaccttc agccatccca acagagatcc   360
tatgattgac aacaaccgct attgcacctt ggaatt                             396
```

```
        <210> 148
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 148
acgtcccatg attgttccag accatgactc ttcctggttg tgggtttgtt acagagcagg    60
agaagcagag gttatgacag ttatgcagac tttccccctc ctttttctct tttctcttcc   120
ccttgctttt ccactgtttc ttcctgctgc cacctgggcc ttgaattcct gggctgtgaa   180
gacatgtagc agctgcaggg tttaccacac gtgggagggc agcccagtac tgtccctctg   240
ccttccccac tttgagaata tggcagcccc tttcattcct ggcttggggt aggggagacc   300
attgaagtag aagcctcaaa gcagactttt ccctttactg tgtgtactcc aggacgaaga   360
aggaagatca tgcttgatac ttagattggt tttccc                             396
```

```
        <210> 149
        <211> 396
```

```
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

    <400> 149
tttttttttt tttaaagagt cacattttat tcaatgccta tttgtacatg ttactagcaa          60
taaactcttt tatctttaat tttgagaagt tttacaaata cagcaaagca gaatgactaa         120
tagagccggt aaccaggaca cagatttgga aaaataggtc taattggttg ttacactgtg         180
tttatgtcat acatttcgct tattttttatc aaanaaaaat cagaatttat aaaatgttaa         240
ttaaaaggaa aacattctga gtaaatttag tcccgtgttt cttcctccaa atctntttgt         300
tctacactaa caggtcagga taagtatgga tggggaggct ggaaaaaggg catccttccc         360
catgcggtcc ccagagccac cctctccaag caggac                                    396

    <210> 150
    <211> 396
    <212> DNA
    <213> Homo sapien

    <400> 150
acgcctctct tcagttggca cccaaacatc tggattggca aatcagtggc aagaagttcc          60
agcatctgga cttttcagaa ttgatcttaa gtctactgtc atttccagat gcattatttt         120
acaactgtat ccttggaaat atatttctag ggagaatatt attgaagaaa atgttaatag         180
cctgagtcaa atttcagcag acttaccagc atttgtatca gtggtagcaa atgaagccaa         240
actgtatctt gaaaaacctg ttgttccttt aaatatgatg ttgccacaag ctgcattgga         300
gactcattgc agtaatattt ccaatgtgcc acctacaaga gagatacttc aagtctttct         360
tactgatgta cacatgaagg aagtaattca gcagtt                                    396

    <210> 151
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
    <222> (1)...(396)
    <223> n = A,T,C or G

    <400> 151
acaaaatgcc cagcctacag agtctgagaa ggaaatttat aatcaggtga atgtagtatt          60
aaaagatgca gaaggcatct tggaggactt gcagtcatac agaggagctg gccacgaaat         120
acgagaggca atccagcatc cagcanatga gaagttgcaa gagaaggcat ggggtgcagt         180
tgttccacta gtaggcaaat taaagaaatt ttacgaattt tctcagaggt tagaagcagc         240
attaagaggt cttctgggag ccttaacaag taccccatat tctcccaccc agcatctana         300
gcgagagcag gctcttgcta aacagtttgc anaaattctt catttcacac tccggtttga         360
tgaactcaag atgacaaatc ctgccataca gaatga                                    396

    <210> 152
    <211> 396
    <212> DNA
    <213> Homo sapien

    <220>
    <221> misc_feature
```

```
<222> (1)...(396)
<223> n = A,T,C or G

<400> 152
acgcagcgct cggcttcctg gtaattcttc acctcttttc tcagctccct gcagcatggg          60
tgctgggccc tccttgctgc tcgccgccct cctgctgctt ctctccggcg acggcgccgt         120
gcgctgcgac acacctgcca actgcaccta tcttgacctg ctgggcacct gggtcttcca         180
ggtgggctcc agcggttccc agcgcgatgt caactgctcg gttatgggac cacaagaaaa         240
aaaagtagng gtgtaccttc agaagctgga tacagcatat gatgaccttg gcaattctgg         300
ccatttcacc atcatttaca accaaggctt tgagattgtg ttgaatgact acaagtggtt         360
tgcctttttt aagtataaag aagagggcag caaggt                                   396


        <210> 153
        <211> 396
        <212> DNA
        <213> Homo sapien


        <400> 153
ccagagacaa cttcgcggtg tggtgaactc tctgaggaaa aacacgtgcg tggcaacaag          60
tgactgagac ctagaaatcc aagcgttgga ggtcctgagg ccagcctaag tcgcttcaaa         120
atggaacgaa ggcgtttgcg gggttccatt cagagccgat acatcagcat gagtgtgtgg         180
acaagcccac ggagacttgt ggagctggca gggcagagcc tgctgaagga tgaggccctg         240
gccattgccg ccctggagtt gctgcccagg gagctcttcc cgccactctt catggcagcc         300
tttgacggga gacacagcca gaccctgaag gcaatggtgc aggcctggcc cttcacctgc         360
ctccctctgg gagtgctgat gaagggacaa catctt                                   396


        <210> 154
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 154
acagcaaacc tcctcacagc ccactggtcc tcaagagggg cnacntcttc acacatcanc          60
acaactacgc attgcctccc tncactcgga aggactatcc tgctgccaag agggtcaagt         120
tggacagtgt cagagtcctg agacagatca gcaacaaccg aaaatgcacc agccccaggt         180
cctcggacac cgaggagaat gtcaagaggc gaacacacaa cgtcttggag cgccagagga         240
ggaacgagct aaaacggagc ttttttgccc tgcgtgacca gatcccggag ttggaaaaca         300
atgaaaaggc ccccaaggta gttatcctta aaaaagccac agcatacatc ctgtccgtcc         360
aagcagagga gcaaaagctc atttctgaag aggact                                   396


        <210> 155
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 155
ttttttttttt tgaananaca ggtctttaat gtacggagtc tcacaaggca caaacaccct          60
```

```
caccaggacc aaataaataa ctccacggtt gcaggaaggc gcggtctggg gaggatgcgg      120
catctgagct ctcccagggc tggtgggcga gccggggggtc tgcagtctgt gaggggcctc      180
ctgggtgtgt ccgggcctct anagcgggtc cagtctccag gatgggggatc gctcactcac      240
tctccgagtc ggagtagtcc gccacgaggg aggagccgan actgcagggg tgccgcgtgt      300
cgggggtgtc agctgcctcc tgggaggagc ctgctggcna cagggcttg tcctgacggc       360
tcccttcctg cccccctcggg ctgctgcact tgggg                                396
```

```
        <210> 156
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 156
gaagggggggc ngggcagggg cggaatgtan anattantgc catgattgaa gatttaagaa       60
acgtgagatt caggattttc accacatccc catttagtta gcttgctcgt ttggctggtg      120
caaatgccag atggattatg aacaatgaca gtaaattaat gcaacataat caggtaatga      180
tgccaagcgt atctggtgtt ccaggtattg tacctttacc ggaacaaatc agtaaatcca      240
caatccctgg cacctgttag gcagctatta acctagtaaa tgctcccccca tcccatctca      300
atcagcaang acaatcaaaa acatttgctt tnagtggcag gaacactggt acatttttac      360
ttgctccaag ggctgtgcca acgctccctc tctctg                                396
```

```
        <210> 157
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 157
tttttttttt tttttgggga atgtaaatct tttattaaaa cagttgtctt tccacagtag       60
taaagctttg gcacatacag tataaaaaat aatcacccac cataattata ccaaattcct      120
nttatcaact gcatactaag tgttttcaat acaattttt ccgtataaaa atactgggaa       180
aaattgataa ataacaggta ananaaagat atttctaggc aattactagg atcatttgga      240
aaaagtgagt actgnggata tttaaaatat cacagtaaca agatcatgct tgttcctaca      300
gtattgcggg ccanacactt aagtgaaagc anaagtgttt gggtgacttt cctacttaaa      360
attttggnca tatcatttca aaacatttgc atcttg                                396
```

```
        <210> 158
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 158
tttccgaaga cgggcagctt cagagaagag gattattcgg gagattgctg gtgtggccca       60
tagactcttt ggcatagact ctttcgcagg cagccactct gagtgtggcc agttctataa      120
ccatccccaa actagctgga gcctgatgga taggaacggg tagtctgtcc tcttccccat      180
aaaaatgttc caaaaagtta tctccagaga gagtccctta tgaagacagt tgccaagctg      240
tattctcatt ctttaaacca atacccaggt cagggctagt tcacactagc actgttaggg      300
acatggtgtg gctagaaatg aattgagtgt gacttctccc tacaacccca ggcccaggga      360
```

```
taggaggagg cagaggggtg cctggagttt ctgcac                              396
```

```
        <210> 159
        <211> 396
        <212> DNA
        <213> Homo sapien


        <400> 159
tccgcgcgtt gggaggtgta gcgcggctct gaacgcgctg agggccgttg agtgtcgcag     60
gcggcgaggg cgcgagtgag gagcagaccc aggcatcgcg cgccgagaag gccgggcgtc    120
cccacactga aggtccggaa aggcgacttc cgggggcttt ggcacctggc ggaccctccc    180
ggagcgtcgg cacctgaacg cgaggcgctc cattgcgcgt gcgcgttgag gggcttcccg    240
cacctgatcg cgagacccca acggctggtg gcgtcgcctg cgcgtctcgg ctgagctggc    300
catggcgcag ctgtgcgggc tgaggcggag ccgggcgttt ctcgccctgc tgggatcgct    360
gctcctctct ggggtcctgg cggccgaccg agaacg                              396
```

```
        <210> 160
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 160
ggaaaccttc tcaactaaga gaacatcatt tctggcaaac tattttttgtt agctcacaat     60
atatgtcgta cactctacaa tgtaaatagc actganccac ancttacaga aggtaaaaag    120
angnataana acttccttta caaaanantt cctgttgttc ttaatactcc ccattgctta    180
tganaattnt ctatangtct ctcangantg ttcgcacccca tttcttttnt aacttctact    240
aaaaanccat ttacattgna nagtgtacna cntatatttg ngagctaaca aaaaatngtt    300
ttccnganat gatgttcttt tagtttnaga nggttcnnnc aanttnctac tccngcccgc    360
cactgnncnc cacatttnnn naattacacc ncacng                              396
```

```
        <210> 161
        <211> 396
        <212> DNA
        <213> Homo sapien


        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G


        <400> 161
tttttgtttg attattttta ttataatgaa attaaactta tgactattac agtatgctca     60
gcttaaaaca tttatgagta ctgcaaggac taacagaaac aggaaaaatc ctactaaaaa    120
tatttgttga tgggaaatca ttgtgaaagc aaacctccaa atattcattt gtaagccata    180
agaggataag cacaaccata tgggaggaga taaccagtct ctcccttcat atatattctt    240
ttttattttct tggtatacct tcccaaaaca nanacattca acagtagtta gaatggccat    300
ctcccaacat tttaaaaaaa ctgcncccc caatgggtga acaaagtaaa gagtagtaac     360
ctanagttca gctgagtaag ccactgtgga gcctta                              396
```

```
        <210> 162
        <211> 396
        <212> DNA
```

<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 162
```
tttttttttt tttttttttt tttttttttt ttngggggncc aaattttttt ntttgaagga      60
angggacaaa nnaaaaaact taagggggntg ttttggnncn acttanaaaa aagggaaagg     120
aaaccccaac atgcatgccc tnccttgggg accanggaan ncnccccncn ggtntgggga     180
aantaacccn agnnttaact ttnattatca ctgncnccca gggggggctt nnaaaaaaaa     240
nnttccccca anccaaantn gggnncnccc attttncnca anttggncnc cnggncnccc     300
nattttttga ngggtttcnc cngcncattn agggaanggg nntcaannaa accncncaaa     360
nggggggnnat ttttntcang ggccnatttg ngcnnt                             396
```

<210> 163
<211> 396
<212> DNA
<213> Homo sapien

<400> 163
```
cactgtccgg ctctaacaca gctattaagt gctacctgcc tctcaggcac tctcctcgcc      60
cagtttctga ggtcagacga gtgtctgcga tgtcttcccg cactctattc ccccagcctc     120
tttctgcttt catgctcagc acatcatctt cctaggcagt ctcttcccca aagtctcacc     180
ttttcttcca atagaaaatt ccgcttgacc tttggtgcac tgcccacttc ccagctccac     240
tggcccaagt ctgagccgga ggcccttgtt ttgggggcgg ggggagagtt ggatgtgatt     300
gcccttgaag aacaaggctg acctgagagg ttcctggcgc cctgaggtgg ctcagcacct     360
gcccagggta ggcctggcat gaggggttag gtcagc                              396
```

<210> 164
<211> 396
<212> DNA
<213> Homo sapien

<400> 164
```
gacacgcggc ggtgtcctgt gttggccatg gccgactacc tgattagtgg gggcacgtcc      60
tacgtgccag acgacggact cacagcacag cagctcttca actgcggaga cggcctcacc     120
tacaatgact ttctcattct ccctgggtac atcgacttca ctgcagacca ggtggacctg     180
acttctgctc tgaccaagaa aatcactctt aagaccccac tggtttcctc tcccatggac     240
acagtcacag aggctgggat ggccatagca atggcgctta caggcggtat tggcttcatc     300
caccacaact gtacacctga attccaggcc aatgaagttc ggaaagtgaa gaaatatgaa     360
cagggattca tcacagaccc tgtggtcctc agcccc                              396
```

<210> 165
<211> 396
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 165
```
tttttttttt tttttttttt tttttttcang ggncactgag gcttttattt ttgancncaa      60
aaccnccggg gatctanccт gnggccnccc cggaaatnac ncnaggctca catnactnta     120
```

```
aacncttggg ggaaagggag gcaaaaaaaa caatgacttg ggccaattnc ncnactgcaa    180
agntananct gccaacaggg ctccagggag cttggnttnt gtaaaanttn taaggaagcg    240
gnncnaactc cncgggggggg gggcnctaac tancagggac ccctgcaagn gttggncggg    300
ggcctcaacc tgcctgagct nacncaaggg gngggggtntn tntanccaac aggggaccna    360
agggcttgcc tncccacagn ttacttggcc aagggg                              396
```

        <210> 166
        <211> 396
        <212> DNA
        <213> Homo sapien

        <220>
        <221> misc_feature
        <222> (1)...(396)
        <223> n = A,T,C or G

        <400> 166
```
tttttttcaaa ttcagagcat ttttattaaa agaacaaaat attaaggcac aaaatacatc    60
aatttttcaa atgaaaaccc ttcaaacggt tatgtcctac attcaacgaa acttcttcca    120
aattacggaa taatttaact ttttaaaata naaaaataca agttcttaaa tgcctaaaat    180
ttctccccaa ataaatgttt tcttagtttt aatgaagtct cttcatgcag tactgagctc    240
caatattata atgtncactt ccttaaaaat ctagttttgc cacttatata cattcaatat    300
gtttaaccag tatattaacc agtatattaa ccaatatgtt aaacttcttt taagtataag    360
gcttggtatt ttgtattgct tattgcatgc tttgat                              396
```

        <210> 167
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 167
```
tggcggcagc ggcggtggcg gtggctgagc agaggacccg gcgggcggcc tcgcgggtca    60
ggacacaatg tttgcacgag gactgaagag gaaatgtgtt ggccacgagg aagacgtgga    120
gggagccctg gccggcttga agacagtgtc ctcatacagc ctgcagcggc agtcgctcct    180
ggacatgtct ctggtgaagt tgcagctttg ccacatgctt gtggagccca atctgtgccg    240
ctcagtcctc attgccaaca cggtccggca gatccaagag gagatgacgc aggatgggac    300
gtggcgcaca gtggcacccc aggctgcaga gcgggcgccg ctcgaccgct tggtctccac    360
ggagatcctg tgccgtgcag cgtggggggca agaggg                             396
```

        <210> 168
        <211> 396
        <212> DNA
        <213> Homo sapien

        <400> 168
```
taggatggta agagtattat aaggattggt acaaggcatg atgagtcctt ttgcttttag    60
gcttttgact tctggtttta gactttcttt agcttctgtt gttagacaac attgtgcaag    120
cttggttttt ataagtttgc atggattaaa ctgaacttaa tgaaattgtc cctcccccca    180
aattctcagc acaattttta ggcccacaag gagtcaagca cctcaaggag atcttcagtt    240
tgaacttggt gtagacacag ggatactgat gaatcaatat tcaaattagc tgttacctac    300
ttaagaaaga gaggagacct tggggatttc gaggaagggt tcataaggga gattttagct    360
gagaaatacc atttgcacag tcaatcactt ctgacc                              396
```

        <210> 169
        <211> 396
        <212> DNA
        <213> Homo sapien

```
<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

     <400> 169
ttttttttttt tttcanaatt aaattcttta atacaaaatg cttttttttt tttaaaanat        60
atctgtattt ctttgncgtt gttnaaaaat aaatatgtnc tacggaatat ntcnaaaaac       120
tgcnctaaaa acaaanacgn gatgttaata tcttttcccc ncaattntta cggataaaca       180
gtanccccna taaataaatg atancnaatn ttaaaattaa aaaagganan anatttagta       240
tgnaaaattc tctatttttt cttggtttgg ttttncntat aaaaaacana atagcaatgt       300
ntnttttatc anaatcccnt ntntncctaa acnttttttt ttttntttnc ccccnaatnc       360
aagnngccaa anatntntnt agnatgnana tgtntn                                 396


     <210> 170
     <211> 396
     <212> DNA
     <213> Homo sapien


     <400> 170
tgagaagtac catgccgctt ctgcagagga acaggcaacc atcgaacgca acccctacac        60
catcttccat caagcactga aaaactgtga gcctatgatt gggctggtac ccatcctcaa       120
gggaggccgt ttctaccagg tccctgtacc cctacccgac cggcgtcgcc gcttcctagc       180
catgaagtgg atgatcactg agtgccggga taaaaagcac cagcggacac tgatgccgga       240
gaagctgtca cacaagctgc tggaggcttt ccataaccag ggccccgtga tcaagaggaa       300
gcatgacttg cacaagatgg cagaggccaa ccgtgccctg gcccactacc gctggtggta       360
gagtctccag gaggagccca gggccctctg cgcaag                                 396


     <210> 171
     <211> 396
     <212> DNA
     <213> Homo sapien


     <220>
     <221> misc_feature
     <222> (1)...(396)
     <223> n = A,T,C or G


     <400> 171
ggtcctcgtc gtggtgagcg cagccactca ggctggtcct gggggtgggg ctgtagggga        60
aagtgctaaa gccgctgagt gaagtaagaa ctctgctaga gaggaaaatg ggcttgcttt       120
catcatcatc ctnctcagct ggtggggtca agtgggaagt tctgtcactg ggatctggtt       180
cagtgtctca agaccttgcc ccaccacgga aagcctttt cacntacccc aaaggacttg        240
gagagatgtt agaagatggn tctnaaanat tcctctgcna atntgttttt agctatcaag       300
tggcttcccc ccttaancag gnaaaacatg atcagcangt tgctcggatg gaaaaactan       360
cttggtttgn naaaaaanct ggaggcttga caatgg                                 396


     <210> 172
     <211> 396
     <212> DNA
     <213> Homo sapien


     <220>
     <221> misc_feature
     <222> (1)...(396)
     <223> n = A,T,C or G
```

```
      <400> 172
agccttgggc caccctcttg gagcatctgg ctgtcgaatt cttgtgaccc tgttacacac    60
actggagaga atgggcagaa gtcgtggtgt tgcagccctg tgcattgggg gtgggatggg   120
aatagcaatg tgtgttcaga gagaatgaat tgcttaaact ttgaacaacc tcaatttctt   180
tttaaactaa taaagtacta ggttgcaata tgtgaaaaaa aaaaaaaaag ggcggccgnt   240
cnantntana gggcccnttn aaacccgttg atcaacctcg actgtgcctt ctagttgcca   300
gccatctgtt gttngccct cccccgtgnc tttcttgacc ttgaaagggg ccccnccct   360
gtctttccta anaaaaanga agaantnncc ttccnt                            396


      <210> 173
      <211> 396
      <212> DNA
      <213> Homo sapien

      <220>
      <221> misc_feature
      <222> (1)...(396)
      <223> n = A,T,C or G

      <400> 173
aagcatgtgg atatgtttag ctacgtttac tcacagccag cgaactgaca ttaaaataac    60
taacaaacag attctttat gtgatgctgg aactcttgac agctataatt attattcaga   120
aatgacttt tgaaagtaaa agcagcataa agaatttgtc acaggaaggc tgtctcagat   180
aaattatggt aaaattttgc aggggacann cttttttaaga cttgcacaat tnccggatcc   240
tgcnctgact ttggaaaagg catatatgtn ctagnggcat gganaatgcc ccatactcat   300
gcatgcaaat taaacaacca agtttgaatc tttttggggg ngngctatnc tttaaccncg   360
tacnggcntt attatntaan gnccctgnnn cntgtg                            396


<210> 174
<211> 924
<212> DNA
<213> Homo sapiens

<400> 174
cctgacgacc cggcgacggc gacgtctctt ttgactaaaa gacagtgtcc agtgctccag   60
cctaggagtc tacggggacc gcctcccgcg ccgccaccat gcccaacttc tctggcaact  120
ggaaaatcat ccgatcggaa aacttcgagg aattgctcaa agtgctgggg gtgaatgtga  180
tgctgaggaa gattgctgtg gctgcagcgt ccaagccagc agtggagatc aaacaggagg  240
gagacacttt ctacatcaaa acctccacca ccgtgcgcac cacagagatt aacttcaagg  300
ttggggagga gtttgaggag cagactgtgg atgggaggcc ctgtaagagc ctggtgaaat  360
gggagagtga gaataaaatg gtctgtgagc agaagctcct gaagggagag ggccccaaga  420
cctcgtggac cagagaactg accaacgatg gggaactgat cctgaccatg acggcggatg  480
acgttgtgtg caccagggtc tacgtccgag agtgagtggc cacaggtaga accgcggccg  540
aagcccacca ctggccatgc tcaccgccct gcttcactgc cccctccgtc ccacccctc   600
cttctaggat agcgctcccc ttaccccagt cacttctggg ggtcactggg atgcctcttg  660
cagggtcttg ctttctttga cctcttctct cctcccctac accaacaaag aggaatggct  720
gcaagagccc agatcaccca ttccgggttc actccccgcc tccccaagtc agcagtccta  780
gccccaaacc agcccagagc agggtctctc taaaggggac ttgagggcct gagcaggaaa  840
gactggccct ctagcttcta ccctttgtcc ctgtagccta tacagtttag aatatttatt  900
tgttaatttt attaaaatgc ttta                                         924


<210> 175
<211> 3321
<212> DNA
<213> Homo sapiens
```

```
<400> 175
atgaagattt tgatacttgg tatttttctg tttttatgta gtaccccagc ctgggcgaaa 60
gaaaagcatt attacattgg aattattgaa acgacttggg attatgcctc tgaccatggg 120
gaaaagaaac ttatttctgt tgacacggaa cattccaata tctatcttca aaatggccca 180
gatagaattg ggagactata taagaaggcc ctttatcttc agtacacaga tgaaaccttt 240
aggacaacta tagaaaaacc ggtctggctt gggttttag gccctattat caaagctgaa 300
actggagata aagtttatgt acacttaaaa aaccttgcct ctaggcccta cacctttcat 360
tcacatggaa taacttacta taaggaacat gagggggcca tctaccctga taacaccaca 420
gattttcaaa gagcagatga caaagtatat ccaggagagc agtatacata catgttgctt 480
gccactgaag aacaaagtcc tggggaagga gatggcaatt gtgtgactag gatttaccat 540
tcccacattg atgctccaaa agatattgcc tcaggactca tcggacctttt aataatctgt 600
aaaaaagatt ctctagataa agaaaaagaa aaacatattg accgagaatt tgtggtgatg 660
ttttctgtgg tggatgaaaa tttcagctgg tacctagaag acaacattaa aacctactgc 720
tcagaaccag agaaagttga caaagacaac gaagacttcc aggagagtaa cagaatgtat 780
tctgtgaatg gatacacttt tggaagtctc ccaggactct ccatgtgtgc tgaagacaga 840
gtaaaatggt acctttttgg tatgggtaat gaagttgatg tgcacgcagc tttcttttcac 900
gggcaagcac tgactaacaa gaactaccgt attgacacaa tcaacctctt tcctgctacc 960
ctgtttgatg cttatatggt ggcccagaac cctggagaat ggatgctcag ctgtcagaat 1020
ctaaaccatc tgaaagccgg tttgcaagcc ttttttccagg tccaggagtg taacaagtct 1080
tcatcaaagg ataatatccg tgggaagcat gttagacact actacattgc cgctgaggaa 1140
atcatctgga actatgctcc ctctggtata gacatcttca ctaaagaaaa cttaacagca 1200
cctggaagtg actcagcggt gttttttgaa caaggtacca caagaattgg aggctcttat 1260
aaaaagctgg tttatcgtga gtacacagat gcctccttca caaatcgaaa ggagagaggc 1320
cctgaagaag agcatcttgg catcctgggt cctgtcattt gggcagaggt gggagacacc 1380
atcagagtaa ccttccataa caaaggagca tatcccctca gtattgagcc gattgggggtg 1440
agattcaata agaacaacga gggcacatac tattccccaa attacaaccc ccagagcaga 1500
agtgtgcctc cttcagcctc ccatgtggca cccacagaaa cattcaccta tgaatggact 1560
gtccccaaag aagtaggacc cactaatgca gatcctgtgt gtctagctaa gatgtattat 1620
tctgctgtgg atcccactaa agatatattc actgggctta ttgggccaat gaaaatatgc 1680
aagaaaggaa gtttacatgc aaatgggaga cagaaagatg tagacaagga attctatttg 1740
tttcctacag tatttgatga gaatgagagt ttactcctgg aagataatat tagaatgttt 1800
acaactgcac ctgatcaggt ggataaggaa gatgaagact ttcaggaatc taataaaatg 1860
cactccatga atggattcat gtatgggaat cagccgggtc tcactatgtg caaaggagat 1920
tcggtcgtgt ggtacttatt cagcgccgga aatgaggccg atgtacatgg aatatacttt 1980
tcaggaaaca catatctgtg gagaggagaa cggagagaca cagcaaacct cttccctcaa 2040
acaagtctta cgctccacat gtggcctgac acagagggga cttttaatgt tgaatgcctt 2100
acaactgatc attacacagg cggcatgaag caaaaatata ctgtgaacca atgcaggcgg 2160
cagtctgagg attccacctt ctacctggga gagaggacat actatatcgc agcagtggag 2220
gtggaatggg attattcccc acaaagggag tgggaaaagg agctgcatca tttacaagag 2280
cagaatgttt caaatgcatt tttagataag ggagagtttt acataggctc aaagtacaag 2340
aaagttgtgt atcggcagta tactgatagc acattccgtg ttccagtgga gagaaaagct 2400
gaagaagaac atctgggaat tctaggtcca caacttcatg cagatgttgg agacaaagtc 2460
aaaattatct ttaaaaacat ggccacaagg ccctactcaa tacatgccca tggggtacaa 2520
acagagagtt ctacagttac tccaacatta ccaggtgaaa ctctcactta cgtatggaaa 2580
atcccagaaa gatctggagc tggaacagag gattctgctt gtattccatg ggcttattat 2640
tcaactgtgg atcaagttaa ggacctctac agtggattaa ttggcccccct gattgtttgt 2700
cgaagacctt acttgaaagt attcaatccc agaaggaagc tggaatttgc ccttctgttt 2760
ctagttttg atgagaatga atcttggtac ttagatgaca acatcaaaac atactctgat 2820
caccccgaga aagtaaacaa agatgatgag gaattcatag aaagcaataa aatgcatgct 2880
attaatggaa gaatgtttgg aaacctacaa ggcctacaa tgcacgtggg agatgaagtc 2940
aactggtatc tgatgggaat gggcaatgaa atagacttac acactgtaca ttttcacggc 3000
catagcttcc aatacaagca caggggagtt tatagttctg atgtctttga cattttccct 3060
ggaacatacc aaacccctaga aatgtttcca agaacacctg gaatttggtt actccactgc 3120
catgtgaccg accacattca tgctggaatg gaaaccactt acaccgttct acaaaatgaa 3180
gacaccaaat ctggctgaat gaaataaatt ggtgataagt ggaaaaaaga gaaaaccaa 3240
tgattcataa caatgtatgt gaaagtgtaa aatagaatgt tactttggaa tgactataaa 3300
```

cattaaaaga gactggagca t   3321

<210> 176
<211> 487
<212> DNA
<213> Homo sapiens

<400> 176
gaaatacttt ctgtcttatt aaaattaata aattattggt ctttacaaga cttggataca 60
ttacagcaga catggaaata taattttaaa aaatttctct ccaacctcct tcaaattcag 120
tcaccactgt tatattacct tctccaggaa ccctccagtg gggaaggctg cgatattaga 180
tttccttgta tgcaaagttt ttgttgaaag ctgtgctcag aggaggtgag aggagaggaa 240
ggagaaaact gcatcataac tttacagaat tgaatctaga gtcttccccg aaaagcccag 300
aaacttctct gcagtatctg gcttgtccat ctggtctaag gtggctgctt cttccccagc 360
catgagtcag tttgtgccca tgaataatac acgacctgtt atttccatga ctgctttact 420
gtatttttaa ggtcaatata ctgtacattt gataataaaa taatattctc ccaaaaaaaa 480
aaaaaaa   487

<210> 177
<211> 3999
<212> DNA
<213> Homo sapiens

<400> 177
caagattcca catttgatgg ggtgactgac aaacccatct tagactgctg tgcctgcgga 60
actgccaagt acagactcac attttatggg aattggtccg agaagacaca cccaaaggat 120
taccctcgtc gggccaacca ctggtctgcg atcatcggag gatcccactc caagaattat 180
gtactgtggg aatatggagg atatgccagc gaaggcgtca aacaagttgc agaattgggc 240
tcacccgtga aaatggagga agaaattcga caacagagtg atgaggtcct caccgtcatc 300
aaagccaaag cccaatggcc agcctggcag cctctcaacg tgagagcagc accttcagct 360
gaattttccg tggacagaac gcgccattta atgtccttcc tgaccatgat gggccctagt 420
cccgactgga acgtaggctt atctgcagaa gatctgtgca ccaaggaatg tggctgggtc 480
cagaaggtgg tgcaagacct gattccctgg gacgctggca ccgacagcgg ggtgacctat 540
gagtcaccca acaaacccac cattccccag gagaaaatcc ggcccctgac cagcctggac 600
catcctcaga gtcctttcta tgacccagag ggtggggtcca tcactcaagt agccagagtt 660
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gatattgtag ctgacctggc tccagaagag aaagatgaag atgacacccc tgaaacctgc 780
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<213> Homo sapiens

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<210> 179
<211> 1817
<212> DNA
<213> Homo sapiens

<400> 179
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<211> 2382
<212> DNA
<213> Homo sapiens

<400> 180
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<210> 181
<211> 2377
<212> DNA
<213> Homo sapiens

<400> 181

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<211> 1370
<212> DNA
<213> Homo sapiens

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<211> 2060
<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<400> 185

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<211> 807
<212> PRT
<213> Homo sapiens

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Leu Ala Leu Ala Leu Pro Leu Ala Ala Ala Leu Ala Phe Ser Asp Glu
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```
Thr Leu Asp Lys Val Pro Lys Ser Glu Gly Tyr Cys Ser Arg Ile Leu
        35              40              45
```

```
Arg Ala Gln Gly Thr Arg Arg Glu Gly Tyr Thr Glu Phe Ser Leu Arg
        50              55              60
```

```
Val Glu Gly Asp Pro Asp Phe Tyr Lys Pro Gly Thr Ser Tyr Arg Val
65              70              75              80
```

```
Thr Leu Ser Ala Ala Pro Pro Ser Tyr Phe Arg Gly Phe Thr Leu Ile
                85              90              95
```

```
Ala Leu Arg Glu Asn Arg Glu Gly Asp Lys Glu Glu Asp His Ala Gly
            100             105             110
```

```
Thr Phe Gln Ile Ile Asp Glu Glu Glu Thr Gln Phe Met Ser Asn Cys
        115             120             125
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```
Pro Val Ala Val Thr Glu Ser Thr Pro Arg Arg Arg Thr Arg Ile Gln
        130             135             140
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```
Val Phe Trp Ile Ala Pro Pro Ala Gly Thr Gly Cys Val Ile Leu Lys
145             150             155             160
```

```
Ala Ser Ile Val Gln Lys Arg Ile Ile Tyr Phe Gln Asp Glu Gly Ser
                165             170             175
```

```
Leu Thr Lys Lys Leu Cys Glu Gln Asp Ser Thr Phe Asp Gly Val Thr
            180             185             190
```

```
Asp Lys Pro Ile Leu Asp Cys Cys Ala Cys Gly Thr Ala Lys Tyr Arg
            195             200             205
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```
Leu Thr Phe Tyr Gly Asn Trp Ser Glu Lys Thr His Pro Lys Asp Tyr
    210             215             220
```

```
Pro Arg Arg Ala Asn His Trp Ser Ala Ile Ile Gly Gly Ser His Ser
225             230             235             240
```

```
Lys Asn Tyr Val Leu Trp Glu Tyr Gly Gly Tyr Ala Ser Glu Gly Val
                245             250             255
```

```
Lys Gln Val Ala Glu Leu Gly Ser Pro Val Lys Met Glu Glu Glu Ile
            260             265             270
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```
Arg Gln Gln Ser Asp Glu Val Leu Thr Val Ile Lys Ala Lys Ala Gln
        275             280             285
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```
Trp Pro Ala Trp Gln Pro Leu Asn Val Arg Ala Ala Pro Ser Ala Glu
    290             295             300
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```
Phe Ser Val Asp Arg Thr Arg His Leu Met Ser Phe Leu Thr Met Met
305             310             315             320
```

```
Gly Pro Ser Pro Asp Trp Asn Val Gly Leu Ser Ala Glu Asp Leu Cys
            325             330             335
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Thr Lys Glu Cys Gly Trp Val Gln Lys Val Val Gln Asp Leu Ile Pro
        340   345   350

Trp Asp Ala Gly Thr Asp Ser Gly Val Thr Tyr Glu Ser Pro Asn Lys
        355   360   365

Pro Thr Ile Pro Gln Glu Lys Ile Arg Pro Leu Thr Ser Leu Asp His
        370   375   380

Pro Gln Ser Pro Phe Tyr Asp Pro Glu Gly Gly Ser Ile Thr Gln Val
385   390   395   400

Ala Arg Val Val Ile Glu Arg Ile Ala Arg Lys Gly Glu Gln Cys Asn
              405   410   415

Ile Val Pro Asp Asn Val Asp Asp Ile Val Ala Asp Leu Ala Pro Glu
            420   425   430

Glu Lys Asp Glu Asp Asp Thr Pro Glu Thr Cys Ile Tyr Ser Asn Trp
        435   440   445

Ser Pro Trp Ser Ala Cys Ser Ser Ser Thr Cys Asp Lys Gly Lys Arg
        450   455   460

Met Arg Gln Arg Met Leu Lys Ala Gln Leu Asp Leu Ser Val Pro Cys
465   470   475   480

Pro Asp Thr Gln Asp Phe Gln Pro Cys Met Gly Pro Gly Cys Ser Asp
            485   490   495

Glu Asp Gly Ser Thr Cys Thr Met Ser Glu Trp Ile Thr Trp Ser Pro
        500   505   510

Cys Ser Ile Ser Cys Gly Met Gly Met Arg Ser Arg Glu Arg Tyr Val
        515   520   525

Lys Gln Phe Pro Glu Asp Gly Ser Val Cys Thr Leu Pro Thr Glu Glu
        530   535   540

Met Glu Lys Cys Thr Val Asn Glu Glu Cys Ser Pro Ser Ser Cys Leu
545   550   555   560

Met Thr Glu Trp Gly Glu Trp Asp Glu Cys Ser Ala Thr Cys Gly Met
            565   570   575

Gly Met Lys Lys Arg His Arg Met Ile Lys Met Asn Pro Ala Asp Gly
        580   585   590

Ser Met Cys Lys Ala Glu Thr Ser Gln Ala Glu Lys Cys Met Met Pro
        595   600   605

Glu Cys His Thr Ile Pro Cys Leu Leu Ser Pro Trp Ser Glu Trp Ser
        610   615   620

Asp Cys Ser Val Thr Cys Gly Lys Gly Met Arg Thr Arg Gln Arg Met
625   630   635   640

Leu Lys Ser Leu Ala Glu Leu Gly Asp Cys Asn Glu Asp Leu Glu Gln
                    645   650   655

Val Glu Lys Cys Met Leu Pro Glu Cys Pro Ile Asp Cys Glu Leu Thr
                660   665   670

Glu Trp Ser Gln Trp Ser Glu Cys Asn Lys Ser Cys Gly Lys Gly His
            675   680   685

Val Ile Arg Thr Arg Met Ile Gln Met Glu Pro Gln Phe Gly Gly Ala
        690   695   700

Pro Cys Pro Glu Thr Val Gln Arg Lys Lys Cys Arg Ile Arg Lys Cys
705   710   715   720

Leu Arg Asn Pro Ser Ile Gln Lys Pro Arg Trp Arg Glu Ala Arg Glu
                725   730   735

Ser Arg Arg Ser Glu Gln Leu Lys Glu Glu Ser Glu Gly Glu Gln Phe
            740   745   750

Pro Gly Cys Arg Met Arg Pro Trp Thr Ala Trp Ser Glu Cys Thr Lys
            755   760   765

Leu Cys Gly Gly Gly Ile Gln Glu Arg Tyr Met Thr Val Lys Lys Arg
        770   775   780

Phe Lys Ser Ser Gln Phe Thr Ser Cys Lys Asp Lys Lys Glu Ile Arg
785   790   795   800

Ala Cys Asn Val His Pro Cys
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<211> 892
<212> DNA
<213> Homo sapiens

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<210> 188

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<212> DNA
<213> Homo sapiens

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<221> misc_feature
<222> (1)...(1448)
<223> n = A,T,C or G

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<210> 189
<211> 460
<212> DNA
<213> Homo sapiens

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<210> 190
<211> 481
<212> DNA
<213> Homo sapiens

<400> 190
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<210> 191
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

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ctcatgaatc tntcaattat aggaaaagtt attgtgataa aataggaaca gctgaaagat 360
tgattaatga actattgtta attcttccta ttttaatgaa tgacattgaa ctgaattttt 420
tgtctgttaa atgaacttga tagctaataa aaagncaact agccatcaaa aaaaaaaaaa 480
aaaaaaaaa                                                           489

<210> 192
<211> 516
<212> DNA
<213> Homo sapiens

<400> 192
acttcaaagc cagctgaagg aaagaggaag tgctagagag agcccccttc agtgtgcttc 60
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gcttgtatgc atgctactcc tggctttcag ctcctggagt ctgtgctcag attcagaaga 180
ggaaatgaaa gcattagaag cagatttctt gaccaatatg catacatcaa agattagtaa 240
agcacatgtt ccctcttgga agatgactct gctaaatgtt tgcagtcttg taaataattt 300
gaacagccca gctgaggaaa caggagaagt tcatgaagag gagcttgttg caagaaggaa 360
cttcttactg ctttagatgg ctttagcttg gaagcaatgt tgacaatata ccagctccac 420
aaaatctgtc acagcagggc ttttcaacac tgggagttaa tccaggaaga tattcttgat 480
actggaaatg acaaaaatgg aaaggaagaa gtcata                             516

<210> 193
<211> 1409
<212> DNA
<213> Homo sapiens

<400> 193
tgattctttt ccaaaacttt tagccatagg gtctttttata gacagggata gtaaaatgaa 60
aattgagaaa tataagatga aaaggaatgg taaaaatatc ttttaggggg ctttttaattg 120
gtgatctgaa atcttgggag aagctgttct tttcaggcct gaggtgctct tgactgtcgc 180
ctgcgcactg tgtaccccga gcaacattct aagggtgtgc tttcgccttg ctaactcct 240
```

```
ttgacctcat tcttcatata gtagtctagg aaaaagttgc aggtaattta aactgtctag 300
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acacatttta tactttgcat ctccaaattt attgcggcga gacttgtcca ttgtgaaagt 420
tagagaacat tatgtttgta tcatttcttt cataaaacct caagagcatt tttaagccct 480
tttcatcaga cccagtgaaa actaaggata gatgtttttt aactggaggt ctcctgataa 540
ggagaacaca atccaccatt gtcatttaag taataagaca ggaaattgac cttgacgctt 600
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ttcaagactt agttattgtc acactaattg atcgtttaag gcataagatg gtctagcatt 780
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tcacaagtgc attaatataa acagaactgg ggcacttaaa atgataatga ttaacttata 960
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caaaggaaaa gtgaaaggga aagagaaaca agtgactgag aagtcttgtt aaggaatcag 1320
gttttttcta cctggtaaac attctctatt cttttctcaa aagattgttg taagaaaaaa 1380
tgtaagmcaa aaaaaaaaaa aaaaaaaaa                                   1409
```

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<210> 194
<211> 441
<212> DNA
<213> Homo sapiens

<400> 194
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tttcccctttc tcctttcttc tgtcactgcc atctccttct tggtcttccc attgttcttt 120
aactggccgt aatgtggaat tgatatttac attttgatac ggtttttttc ttggcctgtg 180
tacgggattg cctcatttcc tgctctgaat tttaaaatta gatattaaag ctgtcatatg 240
gtttcctcac aaaagtcaac aaagtccaaa caaaaatagt ttgccgtttt actttcatcc 300
attgaaaaag gaaattgtgc ctcttgcagc ctaggcaaag gacatttagt actatcgatt 360
ctttccaccc tcacgatgac ttgcggttct ctctgtagaa aagggatggc ctaagaaata 420
caactaaaaa aaaaaaaaaa a                                           441
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<210> 195
<211> 707
<212> DNA
<213> Homo sapiens

<400> 195
cagaaaaata tttggaaaaa atataccact tcatagctaa gtcttacaga gaagaggatt 60
tgctaataaa acttaagttt tgaaaattaa gatgcaggta gagcttctga actaatgccc 120
acagctccaa ggaagacatg tcctatttag ttattcaaat acaagttgag ggcattgtga 180
ttaagcaaac aatatatttg ttagaacttt gtttttaaat tactgttcct tgacattact 240
tataaagagt ctctaacttt cgatttctaa aactatgtaa tacaaaagta tagtttcccc 300
atttgataaa aggccaatga tactgagtag gatatatgcg tatcatgcta cttcattcag 360
tgtgtctgtt tttaatacta ataaggcagt ttgacagaaa ttatttcttt gggactaagg 420
tgattatcat ttttttcccc ttcaaaattg tgctttaagt gctgataacc acaggcagat 480
tgcaaagaac tgataaggca acaaaagtag agaattttag gatcaaaggc atgtaactga 540
aaggtaacaa cagtacataa gcgacaactg gggaaggcag cagtgaaaca tgtttgtggg 600
gttaagtgag tcattgtaaa taaggaattt gcacatttat tttctgtcga cgcggccgcc 660
actgtgctgg atatctgcag aattccacca cactggacta gtggatc             707
```

```
<210> 196
<211> 552
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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 196
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ngtggacatc atcaatgcca aacaatgagc cccatccatt ttccctaccc ttcctgccaa 120
gccagggant aagcagccca gaagcccagt aactgccctt tccctgcata tgcttttgat 180
ggtgtcatnt gctccttcct gtggcctcat ccaaactgta tnttcctta ctgtttatat 240
nttcaccctg taatggttgg gaccaggcca atcccttntc cacttactat aatggttgga 300
actaaacgtc accaaggtgg cttntccttg gctgaganat ggaaggcgtg gtgggatttg 360
ctnctgggtt ccctaggccc tagtgagggc agaagagaaa ccatcctntc ccttnttaca 420
ccgtgaggcc aagatcccct cagaaggcag gagtgctgcc ctntcccatg gtgcccgtgc 480
ctntgtgctg tgtatgtgaa ccacccatgt gagggaataa acctggcact aggaaaaaaa 540
aaaaaaaaaa aa 552

<210> 197
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 197
ctccagagac aacttcgcgg tgtggtgaac tctctgagga aaaacacgtg cgtggnanca 60
agtgactgag acctanaaat ccaagcgttg gaggtcctga ggccagccta agtcgcttca 120
aaatggaacg aaggcgtttg cggggttcca ttcagagccg atacatcagc atgagtgtgt 180
ggacaagccc acggagactt gtggagctgg cagggcagag cctgctgaag gatgaggccc 240
tggccattgc ccgccctgga gttgctgccc agggagctct tcccgccact cttcatggca 300
gcctttgacg ggagacacag ccagaccctg aaggcaatgg tgcaggcctg gcccttcacc 360
tgcctccctc tgggagtgct gatgaaggga caacatcttc acctggagac cttcaaagct 420
gtgcttgatg gacttgatgt gctccttgc 449

<210> 198
<211> 606
<212> DNA
<213> Homo sapiens

<400> 198
tgagtttgcc cccttacccc catcccagtg aatatttgca attcctaaag acgtgttttg 60
attgtcacac ctgggtgggg aacatgctac tggcatctaa tgcatagagg gcagtaatgc 120
tgctaaacat ctttcaacgc acaggacaga gccccacaaa agagaattat ctagccccaa 180
atgtccataa cactgctgtt gagaaaacct accgcaggat cttactgggc ttcataggta 240
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ctcaacgtcc cgagccaggg ctcaaggcaa ttccaataac agtagaatga acactaaata 360
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tcctagtttt agcattgaaa gtttcaggtt ccaggaaagc cctcaggcct gggctgctgg 480
tcaccctagc agctgaggga ctcttcaata cagaattagt ctttgtgcac tggagatgaa 540
tatactttaa tttgtaacat gtgaaaacat ctataaacat ctactgaagc ctgttcttgt 600

```
ctgcac                                                              606
```

```
<210> 199
<211> 369
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(369)
<223> n = A,T,C or G

<400> 199
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ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgccg ggatcatgta 180
ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctccgggt accagtcctt 240
ctgctcccca gggaaactga actcagtttg catcagctgc tgcaacaccc ctctttgtaa 300
cgggccaagg cccaagaaaa ggggaagttc tgcctcggcc ctcangccat ggctccgcac 360
caccatcct                                                          369
```

```
<210> 200
<211> 55
<212> PRT
<213> Homo sapiens

<400> 200
Met Tyr Arg Asn Trp Ser Gly Cys Phe Gly Leu Gln Val Thr Leu Cys
                  5                   10                  15

His Thr Phe Glu Thr Arg Asp Leu Ser Arg Leu Ser Ser Asp Ser Gln
            20                  25                  30

Pro Thr Ser Asn Val Ser Gln Ser Ile Ser His Lys Val Leu Ser Phe
        35                  40                  45

Ser Gly Val Ile Val Thr Pro
    50                  55
```

```
<210> 201
<211> 67
<212> PRT
<213> Homo sapiens

<400> 201
Met Gln Leu Leu Ser Pro Asn Thr Lys Phe Thr Ser Cys Leu Ser Arg
                  5                   10                  15

Gln Arg Gly Asn Leu Val Phe Leu Gly Asp Leu Lys Gly Cys Ser Glu
            20                  25                  30

Leu Lys Asn Phe Gln Glu Leu Ile Asn Gln Ser Ala Leu Val His Pro
        35                  40                  45

Arg Val Asp Val Trp Trp Tyr Cys Gly Gly Pro Leu Leu Gly Thr Leu
```

```
            50                    55                      60

Pro Asn Asn
 65


<210> 202
<211> 73
<212> PRT
<213> Homo sapiens

<400> 202
Met Thr Pro Glu Lys Leu Arg Thr Leu Cys Glu Ile Asp Trp Leu Thr
                  5                  10                  15


Leu Glu Val Gly Trp Leu Ser Glu Glu Ser Leu Glu Arg Ser Leu Val
                20                  25                  30


Ser Lys Val Trp His Lys Val Thr Cys Lys Pro Lys His Pro Asp Gln
             35                  40                  45


Phe Leu Tyr Ile Asp Ser Tyr Ser Trp Phe Arg Pro Leu Pro Pro Leu
         50                  55                  60


Pro Thr Val Val Lys Arg Thr Ala Ala
 65                  70


<210> 203
<211> 2008
<212> DNA
<213> Homo sapiens

<400> 203
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agtgactgag acctagaaat ccaagcgttg gaggtcctga ggccagccta agtcgcttca  120
aaatggaacg aaggcgtttg cggggttcca ttcagagccg atacatcagc atgagtgtgt  180
ggacaagccc acggagactt gtggagctgg cagggcagag cctgctgaag gatgaggccc  240
tggccattgc ccgcccctgga gttgctgccc agggagctct tcccgccact cttcatggca  300
gcctttgacg ggagacacag ccagaccctg aaggcaatgg tgcaggcctg gcccttcacc  360
tgcctccctc tgggagtgct gatgaaggga caacatcttc acctggagac cttcaaagct  420
gtgcttgatg gacttgatgt gctccttgcc caggaggttc gccccaggag gtggaaactt  480
caagtgctgg atttacggaa gaactctcat caggacttct ggactgtatg gtctggaaac  540
agggccagtc tgtactcatt tccagagcca gaagcagctc agcccatgac aaagaagcga  600
aaagtagatg gtttgagcac agaggcagag cagcccttca ttccagtaga ggtgctcgta  660
gacctgttcc tcaaggaagg tgcctgtgat gaattgttct cctacctcat tgagaaagtg  720
aagcgaaaga aaaatgtact acgcctgtgc tgtaagaagc tgaagatttt tgcaatgccc  780
atgcaggata tcaagatgat cctgaaaatg gtgcagctgg actctattga agatttggaa  840
gtgacttgta cctggaagct acccaccttg gcgaaatttt ctccttacct gggccagatg  900
attaatctgc gtagactcct cctctcccac atccatgcat cttcctacat ttccccggag  960
aaggaagagc agtatatcgc ccagttcacc tctcagttcc tcagtctgca gtgcctgcag 1020
gctctctatg tggactcttt attttttcctt agaggccgcc tggatcagtt gctcaggcac 1080
gtgatgaacc ccttggaaac cctctcaata actaactgcc ggctttcgga aggggatgtg 1140
atgcatctgt cccagagtcc cagcgtcagt cagctaagtg tcctgagtct aagtggggtc 1200
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ctccaggacc tggtctttga tgagtgtggg atcacggatg atcagctcct tgccctcctg 1320
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cttgcctatc tgcatgccag gctcagggag ttgctgtgtg agttggggcg gcccagcatg 1560
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cccatcctgt gcccctgttt catgcctaac tagctgggtg cacatatcaa atgcttcatt 1680
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agacaaatgt tcagtgagga aaaaagggg aagttgggga taggcagatg ttgacttgag 1860
gagttaatgt gatctttggg gagatacatc ttatagagtt agaaatagaa tctgaatttc 1920
taaagggaga ttctggcttg ggaagtacat gtaggagtta atccctgtgt agactgttgt 1980
aaagaaactg ttgaaaaaaa aaaaaaaa                                    2008


<210> 204
<211> 923
<212> DNA
<213> Homo sapiens

<400> 204
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tgctaaacat cttttcaacgc acaggacaga gccccacaaa agagaattat ctagccccaa 180
atgtccataa cactgctgtt gagaaaacct accgcaggat cttactgggc ttcataggta 240
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ctcaacgtcc cgagccaggg ctcaaggcaa ttccaataac agtagaatga acactaaata 360
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tcctagtttt agcattgaaa gtttcaggtt ccaggaaagc cctcaggcct gggctgctgg 480
tcaccctagc agctgaggga ctcttcaata cagaattagt ctttgtgcac tggagatgaa 540
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tgcaccgaca ttttcattga gtacggattc ttcctaccag atacagctgc tctacaactt 660
tcgagggctg gtataaaact agctttacc tatttttaaa aattacatga atagtaaaaa 720
cttggattaa cccagtattc gggtattttc aatttccttg ggagcttaga ggacggacaa 780
ataaaaagat tatttcaaca tcaaatatat gctattgttt acatatgaag ataaccacat 840
atatgtataa attcaccgtt actttttagc aatactataa aatccaacag aaaaaaatag 900
catttactaa aaaaaaaaaa aaa                                         923


<210> 205
<211> 1619
<212> DNA
<213> Homo sapiens

<400> 205
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gtgtgaagaa ttccagctga acaacgactg ctcctccccc gagttcattg tgaattgcac 120
ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgccg ggatcatgta 180
ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctccgggt accagtcctt 240
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cgggccaagg cccaagaaaa ggggaagttc tgcctcggcc ctcaggccag ggctccgcac 360
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ccacccctc ctgcattgtt cttccagccc tcgcccccaa ccccccacct ccctgagtga 480
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cctgtgcaaa taatgaaaga gctcggtaaa gcattctgaa taaattcagc ctgactgaat 600
tttcagtatg tacttgaagg aaggaggtgg agtgaaagtt caccccatg tctgtgtaac 660
cggagtcaag gccaggctgg cagagtcagt ccttagaagt cactgaggtg ggcatctgcc 720
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cagcttcttt tgccacaagc aagagagaat ttaacactgt ttcaaacccg ggggagttgg 1560
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<210> 206
<211> 2364
<212> DNA
<213> Homo sapiens

<400> 206
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aacagagagg gtgataagga agaagaccat gctgggacct tccagatcat agacgaagaa 300
gaaactcagt ttatgagcaa ttgccctgtt gcagtcactg aaagcactcc acggaggagg 360
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gccagcatcg tacaaaaacg cattattat tttcaagatg agggctctct gaccaagaaa 480
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gcctgcggaa ctgccaagta cagactcaca ttttatggga attggtccga gaagacacac 600
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aagaattatg tactgtggga atatggagga tatgccagcg aaggcgtcaa acaagttgca 720
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ccttcagctg aatttttccgt ggacagaacg cgccatttaa tgtccttcct gaccatgatg 900
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cccactgagg aaacggagaa gtgcacggtc aacgaggagt gctctcccag cagctgcctg 1620
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cggcaccgca tgatcaagat gaaccccgca gatggctcca tgtgcaaagc cgagacatca 1740
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tttggaggtg caccctgccc agagactgtg cagcgaaaaa agtccgcat ccgaaaatgc 2100
cttcgaaatc catccatcca aaagctacgc tggagggagg cccgagagag ccggcggagt 2160
gagcagctga aggaagagtc tgaaggggag cagttcccag gttgtaggat gcgcccatgg 2220
```

```
acggcctggt cagaatgcac caaactgtgc ggaggtggaa ttcaggaacg ttacatgact 2280
gtaaagaaga gattcaaaag ctcccagttt accagctgca aagacaagaa ggagatcaga 2340
gcatgcaatg ttcatccttg ttag                                        2364
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<210> 207
<211> 787
<212> PRT
<213> Homo sapiens

<400> 207
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Met Gln His His His His His His Phe Ser Asp Glu Thr Leu Asp Lys
                  5                   10                  15
Val Pro Lys Ser Glu Gly Tyr Cys Ser Arg Ile Leu Arg Ala Gln Gly
              20                  25                  30
Thr Arg Arg Glu Gly Tyr Thr Glu Phe Ser Leu Arg Val Glu Gly Asp
          35                  40                  45
Pro Asp Phe Tyr Lys Pro Gly Thr Ser Tyr Arg Val Thr Leu Ser Ala
      50                  55                  60
Ala Pro Pro Ser Tyr Phe Arg Gly Phe Thr Leu Ile Ala Leu Arg Glu
65                  70                  75                  80
Asn Arg Glu Gly Asp Lys Glu Glu Asp His Ala Gly Thr Phe Gln Ile
                  85                  90                  95
Ile Asp Glu Glu Glu Thr Gln Phe Met Ser Asn Cys Pro Val Ala Val
              100                 105                 110
Thr Glu Ser Thr Pro Arg Arg Arg Thr Arg Ile Gln Val Phe Trp Ile
          115                 120                 125
Ala Pro Pro Ala Gly Thr Gly Cys Val Ile Leu Lys Ala Ser Ile Val
          130                 135                 140
Gln Lys Arg Ile Ile Tyr Phe Gln Asp Glu Gly Ser Leu Thr Lys Lys
145                 150                 155                 160
Leu Cys Glu Gln Asp Ser Thr Phe Asp Gly Val Thr Asp Lys Pro Ile
                  165                 170                 175
Leu Asp Cys Cys Ala Cys Gly Thr Ala Lys Tyr Arg Leu Thr Phe Tyr
              180                 185                 190
Gly Asn Trp Ser Glu Lys Thr His Pro Lys Asp Tyr Pro Arg Arg Ala
          195                 200                 205
Asn His Trp Ser Ala Ile Ile Gly Gly Ser His Ser Lys Asn Tyr Val
      210                 215                 220
Leu Trp Glu Tyr Gly Gly Tyr Ala Ser Glu Gly Val Lys Gln Val Ala
225                 230                 235                 240
Glu Leu Gly Ser Pro Val Lys Met Glu Glu Glu Ile Arg Gln Gln Ser
              245                 250                 255
Asp Glu Val Leu Thr Val Ile Lys Ala Lys Ala Gln Trp Pro Ala Trp
              260                 265                 270
Gln Pro Leu Asn Val Arg Ala Ala Pro Ser Ala Glu Phe Ser Val Asp
          275                 280                 285
Arg Thr Arg His Leu Met Ser Phe Leu Thr Met Met Gly Pro Ser Pro
      290                 295                 300
Asp Trp Asn Val Gly Leu Ser Ala Glu Asp Leu Cys Thr Lys Glu Cys
305                 310                 315                 320
Gly Trp Val Gln Lys Val Val Gln Asp Leu Ile Pro Trp Asp Ala Gly
              325                 330                 335
Thr Asp Ser Gly Val Thr Tyr Glu Ser Pro Asn Lys Pro Thr Ile Pro
              340                 345                 350
Gln Glu Lys Ile Arg Pro Leu Thr Ser Leu Asp His Pro Gln Ser Pro
          355                 360                 365
Phe Tyr Asp Pro Glu Gly Gly Ser Ile Thr Gln Val Ala Arg Val Val
```

```
              370                    375                    380
Ile Glu Arg Ile Ala Arg Lys Gly Glu Gln Cys Asn Ile Val Pro Asp
385                    390                    395                    400
Asn Val Asp Asp Ile Val Ala Asp Leu Ala Pro Glu Glu Lys Asp Glu
                   405                    410                    415
Asp Asp Thr Pro Glu Thr Cys Ile Tyr Ser Asn Trp Ser Pro Trp Ser
                   420                    425                    430
Ala Cys Ser Ser Ser Thr Cys Asp Lys Gly Lys Arg Met Arg Gln Arg
              435                    440                    445
Met Leu Lys Ala Gln Leu Asp Leu Ser Val Pro Cys Pro Asp Thr Gln
              450                    455                    460
Asp Phe Gln Pro Cys Met Gly Pro Gly Cys Ser Asp Glu Asp Gly Ser
465                    470                    475                    480
Thr Cys Thr Met Ser Glu Trp Ile Thr Trp Ser Pro Cys Ser Ile Ser
                   485                    490                    495
Cys Gly Met Gly Met Arg Ser Arg Glu Arg Tyr Val Lys Gln Phe Pro
              500                    505                    510
Glu Asp Gly Ser Val Cys Thr Leu Pro Thr Glu Glu Thr Glu Lys Cys
              515                    520                    525
Thr Val Asn Glu Glu Cys Ser Pro Ser Ser Cys Leu Met Thr Glu Trp
              530                    535                    540
Gly Glu Trp Asp Glu Cys Ser Ala Thr Cys Gly Met Gly Met Lys Lys
545                    550                    555                    560
Arg His Arg Met Ile Lys Met Asn Pro Ala Asp Gly Ser Met Cys Lys
                   565                    570                    575
Ala Glu Thr Ser Gln Ala Glu Lys Cys Met Met Pro Glu Cys His Thr
                   580                    585                    590
Ile Pro Cys Leu Leu Ser Pro Trp Ser Glu Trp Ser Asp Cys Ser Val
              595                    600                    605
Thr Cys Gly Lys Gly Met Arg Thr Arg Gln Arg Met Leu Lys Ser Leu
              610                    615                    620
Ala Glu Leu Gly Asp Cys Asn Glu Asp Leu Glu Gln Val Glu Lys Cys
625                    630                    635                    640
Met Leu Pro Glu Cys Pro Ile Asp Cys Glu Leu Thr Glu Trp Ser Gln
                   645                    650                    655
Trp Ser Glu Cys Asn Lys Ser Cys Gly Lys Gly His Val Ile Arg Thr
              660                    665                    670
Arg Met Ile Gln Met Glu Pro Gln Phe Gly Gly Ala Pro Cys Pro Glu
              675                    680                    685
Thr Val Gln Arg Lys Lys Cys Arg Ile Arg Lys Cys Leu Arg Asn Pro
              690                    695                    700
Ser Ile Gln Lys Leu Arg Trp Arg Glu Ala Arg Glu Ser Arg Arg Ser
705                    710                    715                    720
Glu Gln Leu Lys Glu Glu Ser Glu Gly Glu Gln Phe Pro Gly Cys Arg
                   725                    730                    735
Met Arg Pro Trp Thr Ala Trp Ser Glu Cys Thr Lys Leu Cys Gly Gly
              740                    745                    750
Gly Ile Gln Glu Arg Tyr Met Thr Val Lys Lys Arg Phe Lys Ser Ser
              755                    760                    765
Gln Phe Thr Ser Cys Lys Asp Lys Lys Glu Ile Arg Ala Cys Asn Val
              770                    775                    780
His Pro Cys
785

<210> 208
<211> 1362
<212> DNA
```

<213> Homo sapiens

<400> 208

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atggcttcac ccagcctccc gggcagtgac tgctcccaaa tcattgatca cagtcatgtc 60
cccgagtttg aggtggccac ctggatcaaa atcaccctta ttctggtgta cctgatcatc 120
ttcgtgatgg gccttctggg gaacagcgcc accattcggg tcacccaggt gctgcagaag 180
aaaggatact tgcagaagga ggtgacagac cacatggtga gtttggcttg ctcggacatc 240
ttggtgttcc tcatcggcat gcccatggag ttctacagca tcatctggaa tcccctgacc 300
acgtccagct acaccctgtc ctgcaagctg cacactttcc tcttcgaggc ctgcagctac 360
gctacgctgc tgcacgtgct gacactcagc tttgagcgct acatcgccat ctgtcacccc 420
ttcaggtaca aggctgtgtc gggaccttgc caggtgaagc tgctgattgg cttcgtctgg 480
gtcacctccg ccctggtggc actgcccttg ctgtttgcca tgggtactga gtaccccctg 540
gtgaacgtgc ccagccaccg gggtctcact tgcaaccgct ccagcacccg ccaccacgag 600
cagcccgaga cctccaatat gtccatctgt accaacctct ccagccgctg gaccgtgttc 660
cagtccagca tcttcggcgc cttcgtggtc tacctcgtgg tcctgctctc cgtagccttc 720
atgtgctgga acatgatgca ggtgctcatg aaaagccaga agggctcgct ggccgggggc 780
acgcggcctc cgcagctgag gaagtccgag agcgaagaga gcaggaccgc caggaggcag 840
accatcatct tcctgaggct gattgttgtg acattggccg tatgctggat gcccaaccag 900
attcggagga tcatggctgc ggccaaaccc aagcacgact ggacgaggtc ctacttccgg 960
gcgtacatga tcctcctccc cttctcggag acgtttttct acctcagctc ggtcatcaac 1020
ccgctcctgt acacggtgtc ctcgcagcag tttcggcggg tgttcgtgca ggtgctgtgc 1080
tgccgcctgt cgctgcagca cgccaaccac gagaagcgcc tgcgcgtaca tgcgcactcc 1140
accaccgaca gcgcccgctt tgtgcagcgc ccgttgctct cgcgtcccg gcgccagtcc 1200
tctgcaagga gaactgagaa gatttttctta agcactttc agagcgaggc cgagccccag 1260
tctaagtccc agtcattgag tctcgagtca ctagagccca actcaggcgc gaaaccagcc 1320
aattctgctg cagagaatgg ttttcaggag catgaagttt ga 1362
```

<210> 209
<211> 453
<212> PRT
<213> Homo sapiens

<400> 209

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Met Ala Ser Pro Ser Leu Pro Gly Ser Asp Cys Ser Gln Ile Ile Asp
                5                  10                  15
His Ser His Val Pro Glu Phe Glu Val Ala Thr Trp Ile Lys Ile Thr
            20                  25                  30
Leu Ile Leu Val Tyr Leu Ile Ile Phe Val Met Gly Leu Leu Gly Asn
        35                  40                  45
Ser Ala Thr Ile Arg Val Thr Gln Val Leu Gln Lys Lys Gly Tyr Leu
    50                  55                  60
Gln Lys Glu Val Thr Asp His Met Val Ser Leu Ala Cys Ser Asp Ile
65                  70                  75                  80
Leu Val Phe Leu Ile Gly Met Pro Met Glu Phe Tyr Ser Ile Ile Trp
                85                  90                  95
Asn Pro Leu Thr Thr Ser Ser Tyr Thr Leu Ser Cys Lys Leu His Thr
            100                 105                 110
Phe Leu Phe Glu Ala Cys Ser Tyr Ala Thr Leu Leu His Val Leu Thr
        115                 120                 125
Leu Ser Phe Glu Arg Tyr Ile Ala Ile Cys His Pro Phe Arg Tyr Lys
    130                 135                 140
Ala Val Ser Gly Pro Cys Gln Val Lys Leu Leu Ile Gly Phe Val Trp
145                 150                 155                 160
Val Thr Ser Ala Leu Val Ala Leu Pro Leu Leu Phe Ala Met Gly Thr
                165                 170                 175
Glu Tyr Pro Leu Val Asn Val Pro Ser His Arg Gly Leu Thr Cys Asn
            180                 185                 190
```

```
Arg Ser Ser Thr Arg His His Glu Gln Pro Glu Thr Ser Asn Met Ser
    195                     200                 205
Ile Cys Thr Asn Leu Ser Ser Arg Trp Thr Val Phe Gln Ser Ser Ile
    210                     215                 220
Phe Gly Ala Phe Val Val Tyr Leu Val Val Leu Leu Ser Val Ala Phe
225                     230                 235                 240
Met Cys Trp Asn Met Met Gln Val Leu Met Lys Ser Gln Lys Gly Ser
                245                 250                 255
Leu Ala Gly Gly Thr Arg Pro Pro Gln Leu Arg Lys Ser Glu Ser Glu
            260                 265                 270
Glu Ser Arg Thr Ala Arg Arg Gln Thr Ile Ile Phe Leu Arg Leu Ile
        275                 280                 285
Val Val Thr Leu Ala Val Cys Trp Met Pro Asn Gln Ile Arg Arg Ile
    290                 295                 300
Met Ala Ala Ala Lys Pro Lys His Asp Trp Thr Arg Ser Tyr Phe Arg
305                 310                 315                 320
Ala Tyr Met Ile Leu Leu Pro Phe Ser Glu Thr Phe Phe Tyr Leu Ser
                325                 330                 335
Ser Val Ile Asn Pro Leu Leu Tyr Thr Val Ser Ser Gln Gln Phe Arg
                340                 345                 350
Arg Val Phe Val Gln Val Leu Cys Cys Arg Leu Ser Leu Gln His Ala
            355                 360                 365
Asn His Glu Lys Arg Leu Arg Val His Ala His Ser Thr Thr Asp Ser
    370                 375                 380
Ala Arg Phe Val Gln Arg Pro Leu Leu Phe Ala Ser Arg Arg Gln Ser
385                 390                 395                 400
Ser Ala Arg Arg Thr Glu Lys Ile Phe Leu Ser Thr Phe Gln Ser Glu
                405                 410                 415
Ala Glu Pro Gln Ser Lys Ser Gln Ser Leu Ser Leu Glu Ser Leu Glu
                420                 425                 430
Pro Asn Ser Gly Ala Lys Pro Ala Asn Ser Ala Ala Glu Asn Gly Phe
            435                 440                 445
Gln Glu His Glu Val
            450


<210> 210
<211> 625
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

<400> 210
agttctcctt gcagaggact ggcgccggga cgcgaagagc aacgggcgct gcacaaagcg 60
ggcgctgtcg gtggtggagt gcgcatgtac gcgcaggcgc ttctcgtggt tggcgtgctg 120
cagcgacagg cggcagcaca gcacctgcac gaacacccgc cgaaactgct gcgaggacac 180
cgtgtacagg agcgggttga tgaccgagct gaggtagaaa aacgtctccg agaagggggag 240
gaggatcatg tacgcccgga agtaggacct cgtccagtcg tgcttgggtt tggccgcagc 300
catgatcctc cgaatctggt tgggcatcca gcatacggcc aatgtcacaa caatcagccc 360
tgggcagaca cgagcaggag ggagagacag agaaaagaaa aacacagcat gagaacacag 420
taaatgaata aaaccataaa atatttagcc cctctgttct gtgcttactg gccaggaaat 480
ggtaccaatt tttcagtgtt ggacttgaca gcttcttttg ccacaagcaa gagagaattt 540
aacactgttt caaacccggg ggagttggct gtgttaaaga aagaccatta aatgctttag 600
acagtgnaaa aaaaaaaaaa aaaaa                                       625
```

<210> 211
<211> 1619
<212> DNA
<213> Homo sapiens

<400> 211
ggcaactttt tgcggattgt tcttgcttcc aggctttgcg ctgcaaatcc agtgctacca 60
gtgtgaagaa ttccagctga acaacgactg ctcctccccc gagttcattg tgaattgcac 120
ggtgaacgtt caagacatgt gtcagaaaga agtgatggag caaagtgccg ggatcatgta 180
ccgcaagtcc tgtgcatcat cagcggcctg tctcatcgcc tctgccgggt accagtcctt 240
ctgctcccca gggaaactga actcagtttg catcagctgc tgcaacaccc ctctttgtaa 300
cgggccaagg cccaagaaaa ggggaagttc tgcctcggcc ctcaggccag ggctccgcac 360
caccatcctg ttcctcaaat tagccctctt ctcggcacac tgctgaagct gaaggagatg 420
ccaccccctc ctgcattgtt cttccagccc tcgcccccaa cccccacct ccctgagtga 480
gtttcttctg ggtgtccttt tattctgggt agggagcggg agtccgtgtt ctcttttgtt 540
cctgtgcaaa taatgaaaga gctcggtaaa gcattctgaa taaattcagc ctgactgaat 600
tttcagtatg tacttgaagg aaggaggtgg agtgaaagtt caccccatg tctgtgtaac 660
cggagtcaag gccaggctgg cagagtcagt ccttagaagt cactgaggtg ggcatctgcc 720
ttttgtaaag cctccagtgt ccattccatc cctgatgggg gcatagtttg agactgcaga 780
gtgagagtga cgttttctta gggctggagg gccagttccc actcaaggct ccctcgcttg 840
acattcaaac ttcatgctcc tgaaaaccat tctctgcagc agaattggct ggtttcgcgc 900
ctgagttggg ctctagtgac tcgagactca atgactggga cttagactgg ggctcggcct 960
cgctctgaaa agtgcttaag aaaatcttct cagttctcct tgcagaggac tggcgccggg 1020
acgcgaagag caacgggcgc tgcacaaagc gggcgctgtc ggtggtggag tgcgcatgta 1080
cgcgcaggcg cttctcgtgg ttggcgtgct gcagcgacag gcggcagcac agcaccttgc 1140
acgaacaccc gccgaaactg ctgcgaggac accgtgtaca ggagcgggtt gatgaccgag 1200
ctgaggtaga aaaacgtctc cgagaagggg aggaggatca tgtacgcccg gaagtaggac 1260
ctcgtccagt cgtgcttggg tttggccgca gccatgatcc tccgaatctg gttgggcatc 1320
cagcatacgg ccaatgtcac aacaatcagc cctgggcaga cacgagcagg agggagagac 1380
agagaaaaga aaaacacaga atgagaacac agtaaatgaa taaaaccata aaatatttag 1440
cccctctgtt ctgtgcttac tggccaggaa atggtaccaa tttttcagtg ttggacttga 1500
cagcttcttt tgccacaagc aagagagaat ttaacactgt ttcaaacccg ggggagttgg 1560
ctgtgttaaa gaaagaccat taaatgcttt agacagtgta aaaaaaaaa aaaaaaaaa 1619

<210> 212
<211> 1010
<212> DNA
<213> Homo sapiens

<400> 212
ccgcagccgg gagcccgagc gcgggcgatg caggctccgc gagcggcacc tgcggctcct 60
ctaagctacg accgtcgtct ccgctggcag cagctgcggg ccccagcagc ctcggcagcc 120
acagccgctg cagcctgggg cagcctccgc tgctgtcgcc tcctctgatg cgcttgccct 180
ctccctggcc ccgggactcc gggagaatgt gggtcctagg catcgcggca actttttgcg 240
gattgttctt gcttccaagg ctttgcgctg caaatccagt gctaccagtg tgaagaattc 300
cagctgaaca cgactgctc ctcccccgag ttcattgtga attgcacggt gaacgttcaa 360
gacatgtgtc agaaagaagt gatggagcaa agtgccggga tcatgtaccg caagtcctgt 420
gcatcatcag cggcctgtct catcgcctct gccgggtacc agtccttctg ctccccaggg 480
aaactgaact cagtttgcat cagctgctgc aacacccctc tttgtaaccg ggccaaggcc 540
caagaaaagg ggaagttctg cctcggccct caggccaggg ctccgaacca ccatcctgtc 600
cctcaaatta agccctactt ctcggcacac tgctgaagc ttgaagggag aaggcaccca 660
ctcctgcata gtccatccag gcctcgcccc acacacccca ctccctgaga gagcacgccc 720
agggagacca aaaccgggga taggcaacgg accccagac accacaaggg acccgaggac 780
aaagacgcag acaactcgcg aaagccaccc acgaatacaa cggcccgaac acagatataa 840
cgcacgagcc ccgaccgaca agagaagaag cagaagaaac acccacagac agaaacagac 900
accagcaaca agcgaaaaca gcaaaacgac actagcgaga caccacctgc acacaacacc 960

```
acagcccaac acagaggaca cgacaacaaa gagacagcac caacgacgaa          1010
```

```
<210> 213
<211> 480
<212> DNA
<213> Homo sapiens

<400> 213
gccaactccg gaggctctgg tgctcggccc gggagcgcga gcgggaggag cagagacccg 60
cagccgggag cccgagcgcg ggcgatgcag gctccgcgag cggcacctgc ggctcctcta 120
agctacgacc gtcgtctccg cggcagcagc gcgggcccca gcagcctcgg cagccacagc 180
cgctgcagcc ggggcagcct ccgctgctgt cgcctcctct gatgcgcttg ccctctcccg 240
gccccgggac tccgggagaa tgtgggtcct aggcatcgcg gcaacttttt gcggattgtt 300
cttgcttcca ggctttgcgc tgcaaatcca gtgctaccag tgtgaagaat tccagctgaa 360
caacgactgc tcctcccccg agttcattgt gaattgcacg gtgaacgttc aagacatgtg 420
tgagaaagaa gtgatggagc aaagtgccgg gatcatgtac cgcaagtcct gtgcatgatc 480

<210> 214
<211> 1897
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1897)
<223> n = A,T,C or G

<400> 214
gccaactccg gaggctctgg tgctcggccc gggagcgcga gcgggaggag cagagacccg 60
cagccgggag cccgagcgcg ggcgatgcag gctccgcgag cggcacctgc ggctcctcta 120
agctacgacc gtcgtctccg cggcagcagc gcgggcccca gcagcctcgg cagccacagc 180
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gccccgggac tccgggagaa tgtgggtcct aggcatcgcg gcaacttttt gcggattgtt 300
cttgcttcca ggctttgcgc tgcaaatcca gtgctaccag tgtgaagaat tccagctgaa 360
caacgactgc tcctcccccg agttcattgt gaattgcacg gtgaacgttc aagacatgtg 420
tcagaaagaa gtgatggagc aaagtgccgg gatcatgtac cgcaagtcct gtgcatcatc 480
agcggcctgt ctcatcgcct ctgccgggta ccagtccttc tgctccccag ggaaactgaa 540
ctcagtttgc atcagctgct gcaacacccc tctttgtaac gggccaaggc ccaagaaaag 600
gggaagttct gcctcggccc tcaggccagg gctccgcacc accatcctgt tcctcaaatt 660
agccctcttc tcggcacact gctgaagctg aaggagatgc cacccccctcc tgcattgttc 720
ttccagccct cgcccccaac cccccacctc cctgagtgag tttcttctgg gtgtcctttt 780
attctgggta gggagcggga gtccgtgttc tcttttgttc ctgtgcaaat aatgaaagag 840
ctcggtaaag cattctgaat aaattcagcy tgactgaatt ttcagtatgt acttgaagga 900
aggaggtgga gtgaaagttc accccccatgt ctgtgtaacc ggagtcaagg ccaggctggc 960
agagtcwgtc cttagaagtc actgaggtgg gcatctgcct tttgtaaagc ctccagtgtc 1020
cattccatcc ctgatggggg catagtttga gactgcagag tgagagtgac gttttcttag 1080
ggctggaggg ccagttccca ctcaaggctc cctcgcttga cattcaaact tcatgctcct 1140
gaaaaccatt ctctgcagca gaattggctg gtttcgcgcc tgagttgggc tctagtgact 1200
cgagactcaa tgactgggac ttagactggg gctcggcctc gctctgaaaa gtgcttaaga 1260
aaatcttctc agttctcctt gcagaggact ggcgccggga cgcgaagagc aacgggcgct 1320
gcacaaagcg ggcgctgtcg gtggtggagt gcgcatgtac gcgcaggcgc ttctcgtggt 1380
tggcgtgctg cagcgacagg cggcagcaca gcacctgcac gaacacccgc cgaaactgct 1440
gcgaggacac cgtgtacagg agcgggttga tgaccgagct gaggtagaaa aacgtctccg 1500
agaaggggag gaggatcatg tacgcccgga agtaggacct cgtccagtcg tgcttgggtt 1560
tggccgcagc catgatcctc cgaatctggt tgggcatcca gcatacggcc aatgtcacaa 1620
caatcagccc tgggcagaca cgagcaggag ggagagacag agaaaagaaa aacacagcat 1680
gagaacacag taaatgaata aaaccataaa atatttagcc cctctgttct gtgcttactg 1740
```

```
gccaggaaat ggtaccaatt tttcagtgtt ggacttgaca gcttcttttg ccacaagcaa 1800
gagagaattt aacactgttt caaacccggg ggagttggct gtgttaaaga aagaccatta 1860
aatgctttag acagtgtaaa aaaaaaaaaa aaaaaaa                          1897
```

<210> 215
<211> 141
<212> PRT
<213> Homo sapiens

<400> 215
Met Trp Val Leu Gly Ile Ala Ala Thr Phe Cys Gly Leu Phe Leu Leu
                    5   10   15

Pro Gly Phe Ala Leu Gln Ile Gln Cys Tyr Gln Cys Glu Glu Phe Gln
                20   25   30

Leu Asn Asn Asp Cys Ser Ser Pro Glu Phe Ile Val Asn Cys Thr Val
            35   40   45

Asn Val Gln Asp Met Cys Gln Lys Glu Val Met Glu Gln Ser Ala Gly
        50   55   60

Ile Met Tyr Arg Lys Ser Cys Ala Ser Ser Ala Ala Cys Leu Ile Ala
65   70   75   80

Ser Ala Gly Tyr Gln Ser Phe Cys Ser Pro Gly Lys Leu Asn Ser Val
                85   90   95

Cys Ile Ser Cys Cys Asn Thr Pro Leu Cys Asn Gly Pro Arg Pro Lys
            100   105   110

Lys Arg Gly Ser Ser Ala Ser Ala Leu Arg Pro Gly Leu Arg Thr Thr
            115   120   125

Ile Leu Phe Leu Lys Leu Ala Leu Phe Ser Ala His Cys
    130   135   140